

REMEDIAL ACTION QUARTERLY MONITORING REPORT

FOURTH QUARTER – 2005 (10 of 120)

SKINNER LANDFILL SITE BUTLER COUNTY WEST CHESTER, OHIO

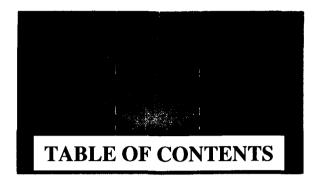
Prepared for:

Skinner Landfill Work Group c/o Ben Baker The Dow Chemical Company Michigan Operations 47 Building Midland, MI 48667

Prepared by:

Earth Tech, Inc. 2373 Progress Drive Hebron, KY 41048

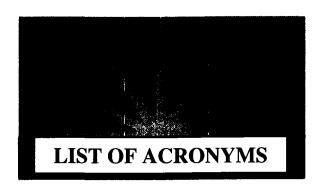






		<u>Page</u>
1.0	INTF	RODUCTION1
	1.1	General Information
	1.2	Site Location and Description1
	1.3	Site History and Background
2.0	SAM	PLING METHODS2
3.0	RESU	ULTS
	3.1	Groundwater Levels
	3.2	Groundwater-Waste Monitoring
	3.3	Groundwater Analytical Results
	3.4	Surface Water Analytical Results
Site V	vicinity :	FIGURES Map1
		TABLES
Grou	ndwater	Elevations1
		Waste Elevations2
		Results Summary
Surfa	ce Wate	r Results Summary4
		APPENDICES
		<u>Appendix</u>
POTE	ENTION	METRIC SURFACE MAPA
SUM	MARY	OF ANALYTICAL RESULTSB
	Groui	ndwater Monitoring Wells
		Surface Water Sampling Locations
		Off Surface Water Sampling Locations
VAL]	DATE	LABORATORY ANALYTICAL RESULTSC







LIST OF ACRONYMS

AMP Air Monitoring Plan

AOC Administrative Order on Consent

ARAR Applicable or Relevant and Appropriate Requirements

BMR Baseline Monitor Report

BCDES Butler County Department of Environmental Services

bgs Below Ground Surface

BZ Breathing Zone

CD&D Construction Debris and Demolition Waste

CERCLA Comprehensive Environmental Response, Compensation and Liability

Act

CGI Combustible Gas Indicator

CHSD Corporate Health and Safety Director
CIP Construction Implementation Plan
CLP Contract Laboratory Program
cm/sec Centimeters Per Second
CO Carbon Monoxide
CP Contingency Plan

CQA Construction Quality Assurance

CQAC Construction Quality Assurance Consultant

CRZ Contamination Reduction Zone
CRQL Contract Required Quantitation Limit
CSDI Contaminated Soils Design Investigation

CY Cubic Yard CZ Control Zone

DSW Division of Surface Water (OEPA)
DSR Division Safety Representative
EPA Environmental Protection Agency

EZ Exclusion Zone

FID Flame Ionization Detector

FML Flexible Membrane Liner (low density polyethylene)

FSP Field Sampling Plan FTB Film Tearing Bond

ft Feet

ft/sec Feet Per Second

GCL Geosynthetic Clay Layer

GCAL Gulf Coast Analytical Laboratories Inc.
GIS Groundwater Interceptor System

gpd Gallons Per Day gpm Gallons Per Minute

GWDI Groundwater Design Investigation

HAP Hazardous Air Pollutant
HASP Health and Safety Plan
HDPE High-Density Polyethylene
HSM Health and Safety Manager

IDLH Immediately Dangerous to Life or Health



IRM Interim Remedial Measures

kg/d Kilograms Per Day lb/day Pounds Per Day

LEL Lower Explosion Limit

LF Lineal Feet

LLDPE Linear Low-Density Polyethylene

μ Micron

μg/l Microgram per Liter
MSL Mean Sea Level

NIOSH National Institute for Occupational Safety and Health

NO_x Oxides of Nitrogen

NWI National Wetland Inventory

 O_3 Ozone

OAC Ohio Administrative Code

ODNR Ohio Department of Natural Resources
OEPA Ohio Environmental Protection Agency

ORC Ohio Revised Code

OSHA Occupational Safety and Health Administration

PEL Permissible Exposure Limit
PID Photoionization Detector
PLC Programmable Logic Controller
PM-10 Particulate Matter less than 10 microns

PRP Potentially Responsible Party
PPE Personal Protective Equipment
psi Pounds Per Square Inch

PQL Practical Quantitation Limit
QAPP Quality Assurance Project Plan

QA Quality Assurance QC Quality Control

RCRA Resource Conservation and Recovery Act

RA Remedial Action
RD Remedial Design

RHSS Regional Health & Safety Specialist
RI/FS Remedial Investigation/Feasibility Study

ROD Record of Decision

RPM Remedial Project Manager (USEPA)

RPO Resident Project Observer

SI Site Inspection SF Square Feet

SLWG Skinner Landfill Work Group

SO₂ Sulfur Dioxide

SOP Standard Operating Procedure

SOW Statement of Work

SPCC Spill Prevention Control and Counter Measure Plan

SSO Site Safety Officer
SVE Soil Vapor Extraction

SVOC Semi-Volatile Organic Compound

SZ Support Zone



TAL Target Analyte List
TCL Target Compound List
TDH Total Dynamic Head
TLV Threshold Limit Values
TSS Total Suspended Solids
TWA Time Weighted Average

USACE United States Army Corps of Engineers

USEPA United States Environmental Protection Agency

USFWS United States Fish and Wildlife Services

USGS United States Geological Survey VOC Volatile Organic Compound

yr Year

WBGT Wet Bulb Globe Temperature

WZ Work Zone



1.0 INTRODUCTION

1.1 GENERAL INFORMATION

This quarterly monitoring report was prepared for the Skinner Landfill Superfund Site located in West Chester, Butler County, Ohio in accordance with the Operation and Maintenance - Long-Term Performance Plan (O&M-LTP Plan) dated August 2003. The O&M-LTP Plan was prepared to meet the requirements of the Record of Decision (ROD) dated June 4, 1993, the Statement of Work (SOW) dated April 6, 1994, the 100% Final Remedial Design dated June 21, 1996 and the Consent Decree dated April 7, 2001.

The remedial action (RA) post-construction O&M monitoring period began with the third quarter of 2003 and extends for a period of 30 years. This report documents the results of groundwater and surface water monitoring conducted during the fourth quarter of 2005, which is the 10th of 120 quarterly sampling events to be conducted during the 30-year monitoring period.

1.2 SITE LOCATION AND DESCRIPTION

Skinner Landfill is located approximately 15 miles north of Cincinnati, Ohio near West Chester, Butler County. Ohio in Township 3, Section 22, Range 2. The site is located along Cincinnati-Dayton Road, as shown in Figure 1. The site is bordered on the south by the East Fork of Mill Creek, on the north by wooded land, on the east by a Norfolk Southern Railway Company right-of-way, and on the west by a gravel driveway.

The site is located in a highly dissected area that slopes from a till-mantled-bedrock upland to a broad, flat-bottomed valley that is occupied by the main branch of Mill Creek. Elevations on the site range from a high of nearly 800 feet above mean sea level (MSL) in the northeast, to a low of 645 feet above MSL near the confluence of Skinner Creek and East Fork of Mill Creek. Both Skinner Creek and the East Fork of Mill Creek are small, intermittent shallow streams. Both of these streams flow to the southwest from the site toward the main branch of Mill Creek.

In general, the site is underlain by relatively thin glacial drift over inter-bedded shale and limestone of Ordovician age. The composition of the glacial drift ranges from intermixed silt, sand and gravel, to silty sandy clays with a thickness ranging from zero to over forty feet. The sand and gravel deposits comprise the hills and ridges and are encountered near the surface of the central portion of the site. The silts and clays usually occur as lenses in the sands and gravel or directly overlie bedrock.

1.3 SITE HISTORY AND BACKGROUND

The property was originally developed as a sand and gravel mining operation and was subsequently used as a landfill from 1934 to 1990. According to USEPA studies, materials deposited at the site include demolition debris, household refuse and a wide variety of chemical wastes. The waste disposal areas include a now buried former waste lagoon near the center of the site and a landfill. According to USEPA studies, the buried lagoon was used for the disposal of paint wastes, ink wastes, creosote, pesticides, and other chemical wastes. The landfill area, located north and northeast of the buried lagoon, received predominantly demolition and landscaping debris.

In 1976, the Ohio EPA (OEPA) initiated an investigation of the site. In 1982, the site was placed on the National Priority List by the USEPA based on information obtained during a limited investigation of the



site. A Phase II Remedial Investigation was conducted from 1989 to 1991 and involved further investigation of groundwater, surface water, soils and sediments. Both a Baseline Risk Assessment and Feasibility Study (FS) were completed in 1992.

The Phase II Remedial Investigation revealed that the most contaminated media at the site is the soil in the buried waste lagoon. Migration of the landfill constituents has been limited, and the Phase II Remedial Investigation concluded that there had been no off-site migration of landfill constituents via groundwater flow.

In the Record of Decision (ROD), dated June 4, 1993, the USEPA selected a remedy for the site consisting of multi-media capping of the landfill and the buried waste lagoon, and collection and treatment of the groundwater. The ROD also required an investigation to determine the feasibility for soil vapor extraction (SVE) in the granular soil adjacent to the buried lagoon.

The Remedial Design (RD) Investigation performed in 1994 was implemented to collect data required to assess the feasibility of the SVE and to design the multi-media cap and the groundwater extraction/treatment systems. The Remedial Design was submitted to USEPA on June 21, 1996 outlining the cover design and groundwater interception system design. Based on the RD investigation, the installation of an SVE system was determined to be unfeasible.

Construction of a groundwater interception system (GIS) and engineered landfill cover system began in April 2001 and was substantially completed in September 2001. The USEPA conducted the pre-final construction inspection on September 27, 2001, the final construction inspection on March 27, 2003 and the second 5-Year Review on January 22, 2004.

2.0 <u>SAMPLING METHODS</u>

This quarterly monitoring event was conducted in general accordance with the following documents shown with the date of the USEPA-approved final version:

- Operation and Maintenance Long-Term Performance Plan (O&M-LTP Plan) dated August 2003, and
- RA Health and Safety Plan, Final February 2001.

There were no deviations from these work plans.

3.0 RESULTS

3.1 GROUNDWATER LEVELS

The groundwater elevation data obtained from the monitor wells, piezometers and selected gas probes is presented on Table 1 with the corresponding potentiometric surface map provided in Appendix A. The groundwater hydraulic gradient calculated from data collected during the previous quarterly monitoring period was 0.10 ft/ft. During the most recent groundwater monitoring event, the average hydraulic gradient was calculated to be 0.08 ft/ft. The average hydraulic gradient documented in the Remedial Action Baseline Monitoring Report, dated March 2005, is calculated to be 0.13 ft/ft.



3.2 GROUNDWATER-WASTE MONITORING

Results of the piezometer groundwater levels used to monitor the groundwater levels relative to bottom of waste are provided on Table 2. Based on measured water levels, groundwater has been lowered below the waste elevation during this monitoring event at piezometer P-12, which is one of the piezometers furthest from Duck Pond. Depth to water measurements could not be recorded from piezometers P-9, P-10 and P-11 due to an obstruction or possible pinching of the well casing.

3.3 GROUNDWATER ANALYTICAL RESULTS

A summary of target compound list (TCL) and target analyte list (TAL) parameter concentrations encountered above the contract required quantitation limit (CRQL) and revised modified trigger level is provided on Table 3. A summary of the laboratory analytical results have been presented on a per well basis in Appendix B to assist in identifying temporal detection patterns. A report of each data set reduction, validation and assessment procedure conducted on an analytical-set basis in accordance with the O&M-LTP Plan quality assurance project plan (QAPP) is included in Appendix C.

In general, target compound list volatiles, semi-volatiles, pesticides and PCBs were not detected in groundwater above the CRQL.

Six of the 24 TAL parameters were detected above the CRQL. Detections of calcium, magnesium and sodium were each detected in six groundwater monitoring wells, while manganese was detected in five groundwater monitoring wells, potassium was detected in three groundwater monitoring wells, and iron was detected in two groundwater monitoring wells above the CRQL levels. None of the detected constituents present above the CRQL levels were present above the associated revised modified trigger levels.

During the previous sampling event (3rd Quarter 2005) the concentration of total chromium in groundwater monitoring well GW-61 exceeded the revised modified trigger level. During this most recent sampling event groundwater monitoring well GW-61 did not contain enough groundwater to collect a sample.

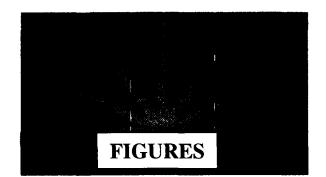
3.4 SURFACE WATER ANALYTICAL RESULTS

Surface water analyzed consisted of surface water collected directly from the East Fork of Mill Creek. A summary of TCL and TAL parameter concentrations encountered above the CRQL and revised modified trigger level is provided on Table 4. A summary of surface water laboratory analytical results is presented in Appendix B. The summary tables are presented on a sample location basis. The validated laboratory analytical data is provided in Appendix C

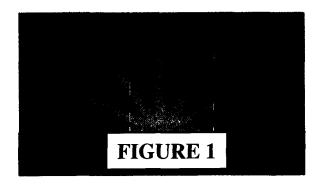
In general, target compound list volatiles, semi-volatiles, pesticides and PCBs were not detected in surface water above the CRQL.

Three of the 24 TAL parameters were detected above the CRQL. Detections of calcium and magnesium were each detected at four surface water sampling locations, while sodium was detected at three surface water sampling locations above the CRQL levels. None of the detected constituents present above the CRQL levels were present above the associated revised modified trigger levels.



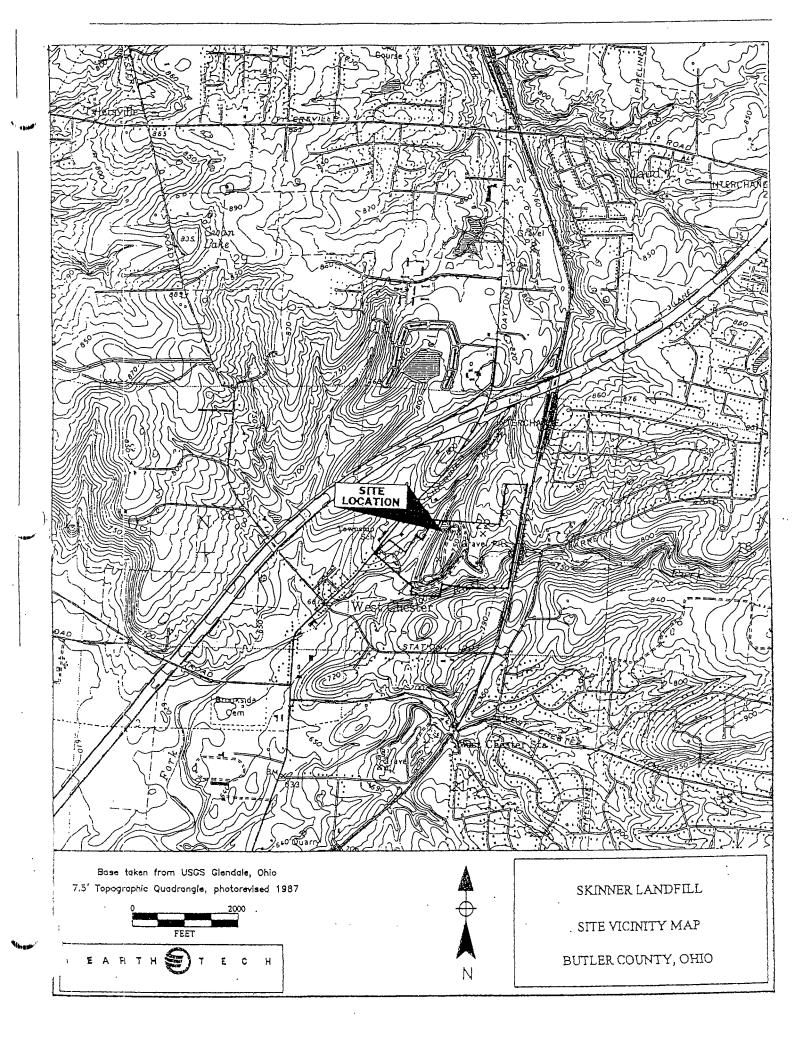


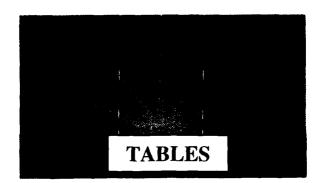




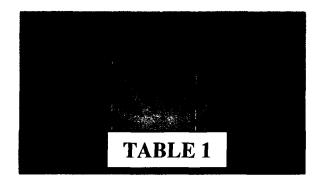
SITE VICINITY MAP











GROUNDWATER ELEVATIONS



TABLE 1
Groundwater Elevation Summary

Skinner Landfill West Chester, Ohio

					December	6, 2005
Well Type	Location	Well Use	Ground Surface Elevation (MSL-feet)	Top of Casing Elevation (MSL-feet)	Depth to Water (feet from top of casing)	Groundwater Elevation (MSL-feet)
	P-1	G	685.42	687.65	10.84	676.81
	P-2	G	688.54	690.42	13.90	676.52
	P-3R	G	691.83	693.69	25.62	668.07
	P-4	G	700.32	702.63	8.76	693.87
Piezometers	P-5	G	708.20	710.65	16.28	694.37
	P-6	G	707.45	710.59	12.90	697.69
	P-7	G	719.08	721.83	Dry	Dry
	P-8	G	747.70	749.91	30.79	719.12
	P-9	G	760.68	763.90		
	P-10	G	761.34	764.16		
	P-11	G	760.34	762.76		
	P-12	G	743.50	746.17	41.19	704.98
	GW-06R	s	683.89	685.91	10.04	675.87
	GW-07R	s	683.46	683.06	15.25	667.81
	GW-24	G	693.32	695.21	18.03	677.18
	GW-26	G	696.61	698.28	30.20	668.08
	GW-30	G	675.63	677.62	9.63	667.99
	GW-58	s	684.03	686.53	19.56	666.97
Groundwater	GW-59	s	684.35	687.38	6.82	680.56
Monitoring Wells	GW-60	s	689.12	692.38	13.23	679.15
Womtoring Wans	GW-61	s	687.38	690.86	Dry	Dry
	GW-62A	s	690.19	692.38	30.62	661.76
	GW-62B	s	690.57	693.13	12.40	680.73
	GW-63	s	698.87	702.50	10.80	691.70
ļ	GW-64	s	700.45	703.88	13.10	690.78
	GW-65	S	703.83	706.88	17.09	689.79
	GW-66	j G	686.82	689.41	6.69	682.72
Gas Probes	GP-6	G	772.18	774.65	16.50	758.15
Gas Floods	GP-7	G	749.83	752.65	Dry	Dry

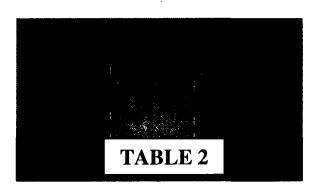
Notes:

MSL - Mean Sea Level

 $G\hbox{-} Gauging$

 \boldsymbol{S} - Sampling and Gauging

-- No Gauging Data Available (well constricted)



GROUNDWATER/WASTE ELEVATIONS



TABLE 2

Groundwater-Waste Monitoring Summary

Skinner Landfill West Chester, Ohio

Piezometer	Depth to Waste (feet)	Bottom of Waste Elevation (MSL-feet)	Baseline Water Elevation (June 2001) (feet)	Water Elevation (March 2005) (feet)	Water Elevation (June 2005) (feet)	Water Elevation (September 2005) (feet)	Water Elevation (December 2005) (feet)
P-9	25	737	745.00		-		-
P-10	30	734	744.50				
P-11	17	745	744.30	737.46	737.56	734.01	-
P-12	35	707	713.50	706.17	705.67	704.74	704.98

Notes:

Waste elevations determined during piezometer installation on June 28 and 29, 2001.

Shaded cells indicate water level elevations below the elevation of waste.

- No gauging data available (well constricted).





GROUNDWATER RESULTS SUMMARY



Table 3

Groundwater Summary

Skinner Landfill West Chester, Ohio Fourth Quarter 2005

Sample ID	VOCs	SVOCs	Dissolved Metals**	Pesticides/PCBs
GW-06R	-	-	<u> </u>	-
GW-07R	-	*	*	*
GW-58				-
GW-59	-	- 1	-	-
GW-60		*	*	*
GW-61	*	*	*	*
GW-62A	-	-	-	-
GW-62B	*	*	*	*
GW-63	-	-	Iron	
GW-64	-	-		-
GW-65	*	*	*	*

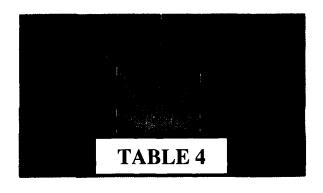
⁻ all parameters below report limits

italic - above Contract Required Quantitation Levels (CRQL's)

bold - above trigger level

- * Insufficient sample volume.
- ** Dissolved metals for analytes that have a corresponding trigger level.





SURFACE WATER RESULTS SUMMARY



Table 4

Surface Water Summary

Skinner Landfill West Chester, Ohio Fourth Quarter 2005

Sample ID	VOCs	SVOCs	Dissolved Metals**	Pesticides/PCBs
SW-50	-	-	-	
SW-51	-	-	-	-
SW-52	_	-	<u> </u>	
SWD-1	*	*	*	*
SWD-2	*	*	*	*
SWD-3	_	-	<u> </u>	-

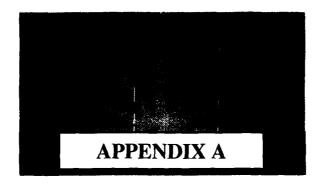
- all parameters below report limits

italic - above Contract Required Quantitation Levels (CRQL's)

bold - above trigger level

- * Insufficient sample volume.
- ** Dissolved metals for analytes that have a corresponding trigger level.

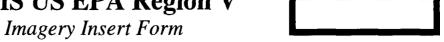




POTENTIONMETRIC SURFACE MAP

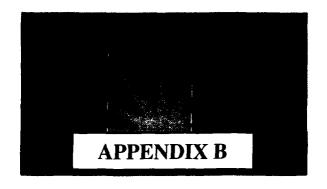


SDMS US EPA Region V



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SUMMARY OF ANALYTICAL RESULTS



1,1-Dichloroethane	Sampling Event (All Resu	s of μg	g/l)]	
Inorganics - Metals (Dissolved) 353.3 553.3 35	Quarte					
Antimony	ber-04 March-05	s	September-05	December-05	TRIGGER LEVEL	CRQL
Antimony 10.6						P
Arsenic S.4 329 179.0 Barium 329 179.0 Barium 0.20 1.02 1.02 1.02 1.02 1.02 1.03 1.03 1.03 1.03 1.03 1.03 1.03 1.03	55.3	1	16.4	12.5		200
Barium Beryllium			4.0 UJ	2.7 UJ	60	60
Beryllium	J 6.1 J		4.2	3.5	20	10
Cadinium 0.30 0.3 Calcium 205,000 193,000 Chromium 3.7 1.5 Cobalt 2.9 Copper 1.2 1.2 Iron 9.1 1.210 Lead 2.4 UJ 2.4 Magnessium 32,100 31,300 Margursium 3,340 J 2.5 Mercury 0.1 0.1 Nickel 2.2 2.5 Potassium 3,340 J 2.510 Selenium 4.4 UJ 4.4 Silver 2.5 0.9 Sodium 20,900 J 22,000 Thallium 6.3 8.1 4.4 UJ 4.4 4.4 Vanadium 3.5 6.7 Zinc 0.7 0.7 Inorganics - Metals and Cvanide (Total) 4.4 Aluminum 37,200 J 2.890 Artsenic 5.4 34.6 Barium 821 22.2 Beryli			205	168	1,000	200
Calcium		_	0.1	0.1	5	5
Chromium	0.3 186,000	1	0.1	0.1	5	5,000
Cobalt 2.9 Copper 1.2 1.2 Iron 9.1 1,210 Lead 2.4 UJ 2.4 Magnesium 32,100 31,300 Marganese 124 363 Mercury 0.1 0.1 Nickel 2.2 2.5 Potassium 3,340 J 2,510 Selenium 4.4 UJ 4.4 Silver 2.5 0.9 Sodium 20,900 J 22,000 Thallium 6.3 8.1 Vanadium 3.5 6.7 Zinc 0.7 0.7 Inorganics - Metals and Cvanide (Total) 7 Aluminum 37,200 J 2,890 Antimony 3.9 3.9 Arsenic 5.4 34.6 Barium 821 2.2 Beryllium 2.1 0.2 Cadmitum 0.3 0.3 Calcium 576,000 217,000 Chromium		1	1.4	4.6	11	10
Copper		-	0.6	4.6	- 11	50
Tron		_	0.7	0.8	25	25
Lead 2.4 UJ 2.4		_	27.4	442 J	7,000	100
Magnesium 32,100 31,300 Manganese 124 363 Mercury 0.1 0.1 Nickel 2.2 2.5 Potassium 3,340 J 2,510 Selenium 4.4 UJ 4.4 Silver 2.5 0.09 Sodium 20,900 J 22,000 Thallium 6.3 8.1 Vanadium 3.5 6.7 Zinc 0.7 0.7 Janimum 3.5 6.7 Antimony 3.9 3.9 Arsenic 5.4 34.6 Barium 821 232 Beryllium 2.1 0.2 Cadmitum 0.3 0.3 Calcium 576,000 217,000 Chromium 58.5 6.1 obalt 46.5 6.0 opper 97.2 J 5.0 Cyanide 0.7 0.5 Iro 90,600 9,100 Lea			1.4	1.7	4.2	3
Manganese 124 363			28,300	36,400	NO THE RESIDENCE	5,000
Mercury 0.1 0.1 Nickel 2.2 2.5 Potassium 3,340 J 2,510 Selenium 4.4 UJ 4.4 Silver 2.5 0.9 Sodium 20,900 J 22,000 Thallium 6.3 8.1 Vanadium 3.5 6.7 Zine 0.7 0.7 Inorganics - Metals and Cvanide (Total) Aluminum 37,200 J 2,890 Antimony 3.9 3.9 3.9 Arsenic 5.4 34.6 34.6 Barium 821 232 Barium 821 232 Beryllium 2.1 0.2 Cadmium 0.3 0.3 Cadmium 576,000 217,000 Chromium 58.5 6.1 Opper 97.2 J 5.0 Cyanide 0.7 0.5 Iron 90,600 9,100 Lead 88.1 J 3.3			147	662	THE PERSON NAMED IN	15
Potassium 3,340 J 2,510	0.1 UJ		0.1	0.1 J	0.2	0.2
Selenium 4.4 UJ 4.4 Silver 2.5 0.9 Sodium 20,900 J 22,000 Thallium 6.3 8.1 Vanadium 3.5 6.7 Zinc 0.7 0.7 Inorganics - Metals and Cvanide (Total)	1.1		1.1	2.3	96	40
Silver 2.5 0.9 Sodium 20,900 J 22,000 Thallium 6.3 8.1 Vanadium 3.5 6.7 Zine 0.7 0.7 Inorganics - Metals and Cvanide (Total) Aluminum 37,200 J 2,890 Antimony 3.9 3.9 3.9 Arsenic 5.4 34.6 34.6 Barium 821 232 Beryllium 2.1 0.2 Cadmium 0.3 0.3 Calcium 576,000 217,000 Chromium 58.5 6.1 obalt 46.5 6.0 opper 97.2 J 5.0 Cranide 0.7 0.5 Iron 90,600 9,100 Lead 88.1 J 3.3 Magnesium 184,000 42,100 Magnesium 184,000 42,100 Manganese 5.750 585 Mercury 0.1 0.1	J 2,200		2,710 J	3,040		5,000
Sodium			3.5 UJ	3.0	8.5	5
Thailium			2.9	0.6	10	10
Vanadium 3.5 6.7 Zinc 0.7 0.7 Inorganics - Metals and Cvanide (Total) 37,200 J 2,890 Antimony 3.9 3.9 Arsenic 5.4 34.6 Barium 821 232 Beryllium 2.1 0.2 Cadnium 0.3 0.3 Calcium 576,000 217,000 Chromium 58.5 6.1 opper 97.2 J 5.0 opper 97.2 J 5.0 cyanide 0.7 0.5 Iron 90,600 9,100 Lead 88.1 J 3.3 Magnesium 184,000 42,100 Mangasium 184,000 42,100 Mangasium 9,100 3,320 Selenium 4.4 R 6.6 Silver 0.9 0.9 Opper Sodium 24,300 21,900 Tallium 6.3 6.3 Vanadium 84.3			20,300	23,900	No. of Contract of	5,000
Zinc			4.1 UJ	5.7	40	10
Number N		_	6.6	1.6	07	50
Aluminum Aluminum Aluminum 37,200 J 2,890 Antimony 3.9 3.9 3.9 3.9 Arsenic 5.4 34.6 Barium 821 232 Beryllium 2.1 0.2 Cadmium 0.3 0.3 0.3 0.3 0.3 0.3 Calcium 576,000 217,000 Chromium 58.5 6.1 0.1 0.1 0.2 Cyanide 0.7 0.7 0.5 Iron 90,600 9,100 Lead 88.1 J 3.3 Magnesium 184,000 42,100 Manganese 5,750 585 Mercury 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	4.6		1.1	9.6	86	20
Antimony 3.9 3.9 Arsenic 5.4 34.6 Barium 821 232 Beryllium 2.1 0.2 Cadmium 0.3 0.3 Calcium 576,000 217,000 Chromium 58.5 6.1 Obalt 46.5 6.0 Opper 97.2 J 5.0 Cyanide 0.7 0.5 Iron 90,600 9,100 Lead 88.1 J 3.3 Magnesium 184,000 42,100 Manganese 5,750 585 Mercury 0.1 0.1 0.1 Nickel 80.5 8.1 Potassium 9,100 3,320 Selenium 4.4 R 6.6 Silver 0.99 0.9 Sodium 24,300 21,900 Thallium 6.3 6.3 Vanadium 84.3 16.1 Zinc 283 J 20.4 Volatile Organic Compounds (VOCs) Benzene 0.15 J 1.0 Carbon Disulfide Ethylbenzene 0.14 J 1.0 Toluene 0.45 J 1.0 Carbon Usani, Compounds (SVOCs) BRL BE Ethylbenzene 0.17 J 1.0 Semi-Volatile Organic Compounds (SVOCs) BRL BE Dibenz (a,h) anthracene	J 8,510		27,800 J	5,730		
Arsenic 5.4 34.6 Barium 821 232 Beryllium 2.1 0.2 Cadmium 0.3 0.3 Calcium 576,000 217,000 Chromium 58.5 6.1 obalt 46.5 6.0 Opper 97.2 J 5.0 Cyanide 0.7 0.5 Iron 90,600 9,100 Lead 88.1 J 3.3 Magnesium 184,000 42,100 Manganese 5,750 585 Mercury 0.1 0.1 Nickel 80.5 8.1 Potassium 9,100 3,320 Selenium 4.4 R 6.6 Silver 0.9 0.9 Sodium 24,300 21,900 Thallium 6.3 6.3 Selenium 84.3 16.1 Zinc 2883 J 20,4 Volatile Organic Compounds (VOCs) BRL BI L1-Dichloroethane 0.23 J 1.0 Carbon Disulfide Ethylbenzee 0.15 J 1.0 Tetrachloroethene 0.45 J 1.0 Tetrachloroethene 0.17 J 1.0 Semi-Volatile Organic Compounds (SVOCs) BRL BI Dibenz (a,b) anthracene		-	4.0 UJ	2.7 UJ		
Barium 821 232 Beryllium 2.1 0.2 Cadmium 0.3 0.3 Calcium 576,000 217,000 Chromium 58.5 6.1 obalt 46.5 6.0 opper 97.2 J 5.0 Cyanide 0.7 0.5 Iron 90,600 9,100 Lead 88.1 J 3.3 Magnesium 184,000 42,100 Manganese 5,750 585 Mercury 0.1 0.1 Nickel 80.5 8.1 Potassium 9,100 3,320 Selenium 4.4 R 6.6 Silver 0.9 0.9 Sodium 24,300 21,900 Thallium 6.3 6.3 Vanadium 84.3 16.1 Zinc 283 J 20.4 Volatile Organic Compounds (VOCs) BRL BR L1,1-Dichlorocthane 0.34 J 1.		_	64.7	8.7		
Beryllium 2.1 0.2 Cadnium 0.3 0.3 Calcium 576,000 217,000 Chromium 58.5 6.1 obalt 46.5 6.0 opper 97.2 J 5.0 Cyanide 0.7 0.5 Iron 90,600 9,100 Lead 88.1 J 3.3 Magnesium 184,000 42,100 Manganese 5,750 585 Mercury 0.1 0.1 Nickel 80.5 8.1 Potassium 9,100 3,320 Selenium 4.4 R 6.6 Silver 0.9 0.9 Sodium 24,300 21,900 Thallium 6.3 6.3 4.3 16.1 283 J Zinc 283 J 20.4 Volatile Organic Compounds (VOCs) BRL BR I,1-Dichorochane 0.15 J 1.0 1,2-Dichloropropane 0.23 J			626	250		
Cadmium 0.3 0.3 Calcium 576,000 217,000 Chromium 58.5 6.1 obalt 46.5 6.0 opper 97.2 J 5.0 Cyanide 0.7 0.5 fron 90,600 9,100 Lead 88.1 J 3.3 Magnesium 184,000 42,100 Manganese 5,750 585 Mercury 0.1 0.1 Nickel 80.5 8.1 Potassium 9,100 3,320 Sclenium 4.4 R 6.6 Silver 0.9 0.9 Sodium 24,300 21,900 Thallium 6.3 6.3 Vanadium 84.3 16.1 Zinc 283 J 20.4 Volatile Organic Compounds (VOCs) BRL BI I.1-Dichloropropane 0.23 J 1.0 I.2-Dichloropropane 0.23 J 1.0 Carbon Disulfide			2.6	0.4		
Chromium 58.5 6.1 obalt 46.5 6.0 copper 97.2 J 5.0 Cyanide 0.7 0.5 Iron 90,600 9,100 Lead 88.1 J 3.3 Magnesium 184,000 42,100 Manganese 5,750 585 Mercury 0.1 0.1 Nickel 80.5 8.1 Potassium 9,100 3,320 Selenium 4.4 R 6.6 Silver 0.9 0.9 Sodium 24,300 21,900 Thallium 6.3 6.3 Vanadium 84.3 16.1 Zinc 283 J 20.4 Volatile Organic Compounds (VOCs) BRL BR L1-Dichlorocthane 0.34 J 1.0 1,2-Dichloropropane 0.23 J 1.0 Benzene 0.15 J 1.0 Carbon Disulfide Ethylbenzene 0.14 J 1.0 <t< td=""><td></td><td></td><td>0.6</td><td>0.1</td><td></td><td></td></t<>			0.6	0.1		
obalt 46.5 6.0 opper 97.2 J 5.0 Cyanide 0.7 0.5 Iron 99,600 9,100 Lead 88.1 J 3.3 Magnesium 184,000 42,100 Manganese 5,750 585 Mercury 0.1 0.1 Nickel 80.5 8.1 Potassium 9,100 3,320 Selenium 4.4 R 6.6 Silver 0.9 0.9 Sodium 24,300 21,900 Thallium 6.3 6.3 Vanadium 84.3 16.1 Zinc 283 J 20.4 Volatile Organic Compounds (VOCs) BRL BR I.1-Dichlorocthane 0.34 J 1.0 1,2-Dichloropropane 0.23 J 1.0 Benzene 0.15 J 1.0 Carbon Disulfide 2 1.0 Ethylbenzene 0.14 J 1.0 Toluene 0.	234,000	5	562,000	251,000		
Copper 97.2 J 5.0 Cyanide 0.7 0.5 fron 90,600 9,100 Lead 88.1 J 3.3 Magnesium 184,000 42,100 Manganese 5,750 585 Mercury 0.1 0.1 Nickel 80.5 8.1 Potassium 9,100 3,320 Sclenium 4.4 R 6.6 Silver 0.9 0.9 Sodium 24,300 21,900 Thallium 6.3 6.3 Vanadium 84.3 16.1 Zinc 283 J 20.4 Volatile Organic Compounds (VOCs) BRL BI I,1-Dichloropropane 0.34 J 1.0 1,2-Dichloropropane 0.23 J 1.0 Benzene 0.15 J 1.0 Carbon Disulfide Ethylbenzene 0.14 J 1.0 Tetrachloroethene 0.14 J 1.0 Tetrachloroethene 0.17 J 1.0	11.1		63.8 J	15.9		
Cyanide 0.7 0.5 Iron 99,600 9,100 Lead 88.1 J 3.3 Magnesium 184,000 42,100 Manganese 5,750 585 Mercury 0.1 0.1 Nickel 80.5 8.1 Potassium 9,100 3,320 Selenium 4.4 R 6.6 Silver 0.9 0.9 Sodium 24,300 21,900 Thallium 6.3 6.3 Vanadium 84.3 16.1 Zinc 283 J 20.4 Volatile Organic Compounds (VOCs) BRL BR L1-Dichlorocthane 0.34 J 1.0 1,2-Dichloropropane 0.23 J 1.0 Benzene 0.15 J 1.0 Carbon Disulfide Ethylbenzene 0.14 J 1.0 Tottene 0.45 J 1.0 Tetrachloroethene 0.17 J 1.0 Tetrachloroethene 0.17 J 1.0	11.9		48.5	12.3		
Iron			113	15.2 J		
Lead 88.1 J 3.3 Magnesium 184,000 42,100 Manganese 5,750 585 Mercury 0.1 0.1 Nickel 80.5 8.1 Potassium 9,100 3,320 Sclenium 4.4 R 6.6 Silver 0.9 0.9 Sodium 24,300 21,900 Thallium 6.3 6.3 Vanadium 84.3 16.1 Zinc 283 J 20.4 Volatile Organic Compounds (VOCs) BRL Br I.1-Dichloroethane 0.34 J 1.0 1,2-Dichloropropane 0.23 J 1.0 Benzene 0.15 J 1.0 Carbon Disulfide 2 1.0 Ethylbenzene 0.14 J 1.0 Toluene 0.45 J 1.0 Tetrachloroethene 0.17 J 1.0 Xylene (total) 0.33 J 1.0 Semi-Volatile Organic Compounds (SVOCs) BRL BI		_	1.0	0.6	10	10
Magnesium 184,000 42,100 Manganese 5,750 585 Mercury 0.1 0.1 Nickel 80.5 8.1 Potassium 9,100 3,320 Selenium 4.4 R 6.6 Silver 0.9 0.9 Sochum 24,300 21,900 Thallium 6.3 6.3 Vanadium 84.3 16.1 Zinc 283 J 20,4 Volatile Organic Compounds (VOCs) BRL BB 1,1-Dichloroethane 0.34 J 1.0 1,2-Dichloropropane 0.23 J 1.0 Benzene 0.15 J 1.0 Carbon Disulfide Ethylbenzene 0.14 J 1.0 Toluene 0.45 J 1.0 Tetrachloroethene 0.17 J 1.0 Xylene (total) 0.33 J 1.0 Semi-Volatile Organic Compounds (SVOCs) BRL BI			84,300	15,800		
Manganese 5,750 585 Mercury 0.1 0.1 Nickel 80.5 8.1 Potassium 9,100 3,320 Selenium 4.4 R 6.6 Silver 0.9 0.9 Sodium 24,300 21,900 Thallium 6.3 6.3 Vanadium 84.3 16.1 Zinc 283 J 20.4 Volatile Organic Compounds (VOCs) BRL BR 1,1-Dichlorocthane 0.34 J 1.0 1,2-Dichloropropane 0.23 J 1.0 Benzene 0.15 J 1.0 Carbon Disulfide Ehylbenzene 0.14 J 1.0 Toluene 0.45 J 1.0 Tetrachlorocthene 0.17 J 1.0 Xylene (total) 0.33 J 1.0 Semi-Volatile Organic Compounds (SVOCs) BRL BB		_	67.5	14.4		
Mercury 0.1 0.1 Nickel 80.5 8.1 Potassium 9,100 3,320 Selenium 4.4 R 6.6 Silver 0.9 0.9 Socium 24,300 21,900 Thallium 6.3 6.3 Vanadium 84.3 16.1 Zinc 283 J 20.4 Volatile Organic Compounds (VOCs) BRL BR I,1-Dichloroethane 0.34 J 1.0 1,2-Dichloropropane 0.23 J 1.0 Benzene 0.15 J 1.0 Carbon Disulfide 2 1.0 Ethylbenzene 0.14 J 1.0 Totuene 0.45 J 1.0 Tetrachloroethene 0.17 J 1.0 Xylene (total) 0.33 J 1.0 Semi-Volatile Organic Compounds (SVOCs) BRL BB		1	194,000	61,600		
Nickel 80.5 8.1 Potassium 9,100 3,320 Selenium 4.4 R 6.6 Silver 0.9 0.9 9 Sodium 24,300 21,900 Thallium 6.3 6.3 Vanadium 84.3 16.1 Zinc 283 J 20.4 Volatile Organic Compounds (VOCs) BRL BR I,1-Dichloroethane 0.34 J 1.0 1,2-Dichloropropane 0.23 J 1.0 Benzene 0.15 J 1.0 Carbon Disulfide Ethylbenzene 0.14 J 1.0 Toluene 0.45 J 1.0 Tetrachloroethene 0.17 J 1.0 Xylene (total) 0.33 J 1.0 Semi-Volatile Organic Compounds (SVOCs) BRL BI		+	5,230	1,340		
Potassium 9,100 3,320 Sclenium 4.4 R 6.6 Scliver 0.9 0.9 Scdium 24,300 21,900 Thallium 6.3 6.3 Vanadium 84.3 16.1 Zinc 283 J 20.4 Volatile Organic Compounds (VOCs) BRL BI 1,1-Dichloroethane 0.34 J 1.0 1,2-Dichloropropane 0.23 J 1.0 1,2-Dichloropropane 0.15 J 1.0 Carbon Disulfide Ethylbenzene 0.14 J 1.0 Toluene 0.45 J 1.0 Tetrachloroethene 0.17 J 1.0 Tetrachloroethene 0.17 J 1.0 Xylene (total) 0.33 J 1.0 Semi-Volatile Organic Compounds (SVOCs) BRL BI Dibenz (a,h) anthracene		-	0.1 67.5	0.3 J 14.6 J		
Selenium		-	7,920 J	4,380		
Silver 0.9 0.9 Sodium 24,300 21,900 Thallium 6.3 6.3 Vanadium 84.3 16.1 Zinc 283 J 20.4 Volatile Organic Compounds (VOCs) BRL BR I.1-Dichloroethane 0.34 J 1.0 1,2-Dichloropropane 0.23 J 1.0 Benzene 0.15 J 1.0 Carbon Disulfide Ethylbenzene 0.14 J 1.0 Toluene 0.45 J 1.0 Tetrachloroethene 0.17 J 1.0 Xylene (total) 0.33 J 1.0 Semi-Volatile Organic Compounds (SVOCs) BRL BB Dibenz (a,h) anthracene BB BB			3.9	3.0		
Sodium			12.6 J	0.6	- V - V - V	
Thallium			23,300	24,900		177, 11
Zinc 283 J 20.4 Volatile Organic Compounds (VOCs) BRL BB 1.1-Dichloroethane 0.34 J 1.0 1.2-Dichloropropane 0.23 J 1.0 Benzene 0.15 J 1.0 Carbon Disulfide Ethylbenzene 0.14 J 1.0 Toluene 0.45 J 1.0 Tetrachloroethene 0.17 J 1.0 Xylene (total) 0.33 J 1.0 Semi-Volatile Organic Compounds (SVOCs) BRL BB Dibenz (a,h) anthracene BB			4.1 UJ	5.2		4-11
Volatile Organic Compounds (VOCs)			75.0 J	1.6		
1,1-Dichloroethane	J 63.2	_	237 J	61.0 J		
1,2-Dichloropropane 0.23 J 1.0 Benzene 0.15 J 1.0 Carbon Disulfide Ethylbenzene 0.14 J 1.0 Toluene 0.45 J 1.0 Tetrachloroethene 0.17 J 1.0 Xylene (total) 0.33 J 1.0 Semi-Volatile Organic Compounds (SVOCs) BRL BB Dibenz (a,h) anthracene	RL BRL		BRL	BRL		
1,2-Dichloropropane 0.23 J 1.0 Benzene 0.15 J 1.0 Carbon Disulfide Ethylbenzene Toluene 0.14 J 1.0 Tetrachloroethene 0.17 J 1.0 Xylene (total) 0.33 J 1.0 Semi-Volatile Organic Compounds (SVOCs) BRL BB Dibenz (a,h) anthracene	U 1.0 U	\neg	1.0 U	1.0 U	ALC: THE	10
Benzene 0.15 J 1.0			1.0 U	1.0 U	5	10
Ethylbenzene 0.14 J 1.0 Toluene 0.45 J 1.0 Tetrachloroethene 0.17 J 1.0 Xylene (total) 0.33 J 1.0 Semi-Volatile Organic Compounds (SVOCs) BRL BB Dibenz (a,h) anthracene BB			1.0 U	1.0 U	5	10
Toluene				0.34 J		10
Tetrachloroethene 0.17 J 1.0 Xylene (total) 0.33 J 1.0 Semi-Volatile Organic Compounds (SVOCs) BRL BI Dibenz (a,h) anthracene			1.0 U	1.0 U	62	10
Xylene (total) 0.33 J 1.0 Semi-Volatile Organic Compounds (SVOCs) BRL BR Dibenz (a,h) anthracene			1.0 U	1.0 U	1,000	10
Semi-Volatile Organic Compounds (SVOCs) BRL BI Dibenz (a,h) anthracene			1.0 U	1.0 U	5	10
Dibenz (a,h) anthracene	U 0.19 J		1.0 U	1.0 U	10,000	10
	RL BRL		BRL	BRL		
			10.0 J	10.0 J	10	10
Indeno (1,2,3-cd) pyrene			10.0 J	10.0 J	10	10
Benzo (g,h,i) perylene			10.0 J	10.0 J	10	10
Pesticides / PCBs BRL BI	RL BRL		BRL	BRL	The same of the same of	PLY CONTROLL

- otes:

 1) All results expressed in micrograms per liter (µg/L).

 2) Standard Inorganic Data Qualifiers have been used.

 3) Yellow shading indicate a detection above the Contract Required Quantitation Limit (CRQL)

 4) Bold red letters with a thick outline indicates a detection above the Trigger Level.
- 5) BRL = Below Report Limit; reported data values have a data qualifier of U. J, or UJ
 6) = No Sample Available (Well Dry)

- 6) = No Sample Available (Well Dry)

 7) U = Not detected at the listed reporting limit.

 8) B = An estimated value above the method detection limit (MDL) or the instrument detection limit (IDL) but below the CRQL.

 9) UJ = A value less than the CRQL but greater than the MDL.

 10) J = The analyte was positively identified; the associated numerical value is the approximate concentration of analyte in the sample.

 11) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.

 12) CRQL = Contract Required Quantitation Limit

 13) Samples analyzed for <u>Dissolved</u> Inorganics were field filtered using a 0.45 micron, gravity flow filter.

 14) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.



Sampling Event (All Results Expressed in Units of µg/l)	
Quarterly Results	

				_				
Compound	September-05	December-04	March-05	June-05	September-05	December-05	TRIGGER LEVEL	CRQL
norganics - Metals (Dissolved) ¹³					Insufficient Volume	Insufficient Volume		
Aluminum	55.3	55.3	55.3	24.0	_	- 152.51	TVS IS NOT THE	200
Antimony	3.9	3.9	3.9	6.0	_	_	60	60
Arsenic	5.4	35.8 J	5.4	3.8	_	_	20	10
Barium	118	46.7	94.7	111	_		1,000	200
Beryllium	0.2	0.2	0.2	0.1	_	_	5	5
Cadmium	0.3	0.3	0.3	0.1	_	_	5	5
Calcium	205,000	367,000	173,000	191,000	_	_	The Strategy	5,000
Chromium	3.3	1.7	2.4	32.8	_	_	11	10
Cobalt	0.6	0.6	0.6	0.6	_			
	1.2	1.2	1.2	0.7			25	25
Copper	9.1	9.1	10.5	56.1			7,000	100
Iron	2.4	2.4	2.4 UJ	1.4			4.2	3
Lead	29,400	52,300	26,700	29,400			4.60	5,000
Magnesium								15
Manganese	418	49.8	398	908	_	_	0.2	
Mercury	0.1	0.1	0.1 UJ	0.1	_		0.2	0.2
Nickel	1.1	1.8	1.5	0.4	_		96	40
Potassium	3,010 J	5,000 J	2,380	2,400	_	_		5,000
Selenium	4.4 UJ	8.5	4.4 R	3.5 UJ	_	-	8.5	5
Silver	0.9	0.9	0.9	1.1	_	_	10	10
Sodium	32,600 J	48,200	24,900	26,600	_	-		5,000
Thallium	6.3	6.3 U	6.3	4.1			40	10
Vanadium	1.1	8.5 B	9.1	11.0	_	4		50
Zinc	0.7	0.7 U	11.3	14.3	_	not— and	86	20
Inorganics - Metals and Cyanide								
(Total)			100000000000000000000000000000000000000					24
Aluminum	8,270 J	7,040 J	9,090	23,300 J		- 10000		
Antimony	5.1	4.0	10.7 J	18.6		_		
Arsenic	5.4	45.1 J	5.4	7.6	_			
Barium	469	319 J	405	1,120				
Beryllium	0.2	0.2	0.4	1.1		-		
Cadmium	0.3	0.3	0.3	0.1		_		
Calcium	250,000	392,000	222,000	293,000 J	_	_		
Chromium	13.4	12.8	12.5	44.2		-		
Cobalt	6.2	5.3	6.4	17.8	-			
Copper	15.3 J	15.2	23.1 J	50.8 J				
Cyanide	0.7	0.5	0.6	0.6			10.0	10.0
Iron	20,200	17,600 J	22,000	63,600 J		_		
Lead	11.4 J	6.7 J	7.1 J	29.5	_	- 120		
Magnesium	45,900	66,900 J	42,300	73,000 J	_			
Manganese	1,400	570	913	2,340 J		_		
Mercury	0.1	0.1	0.1 UJ	0.1	_	_		
Nickel	12.7	14.6	16.0	28.1				
Potassium	4,770	6,590 J	4,300	5,940	_	_		
Selenium	4.4 R	12.0 J	4.4 UJ	3.5 R	_			
Silver	0.9	0.9	0.9	1.1	_	_		
Sodium	32,400	48,500	26,200	27,500 J	_	_		
Thallium	7.0	7.7	6.3 UJ	4.1 UJ	_			
Vanadium	9.2	26.8	23.5 J	47.0 J	_			
Zinc	46.9 J	50.3 J	59.4	146	_		10 L	
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	BRL	BRL	BRL		
Carbon Disulfide						2.5		10
Toluene			0.69 J	1.0 J	1.0 J	1.0 U	1,000	10
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	BRL	BRL		_		
Diethylphthalate				0.6 J				10

- All results expressed in micrograms per liter (μg/L).
- 1) All results expressed in micrograms per liter (Lg/L).
 2) Standard Inorganic Data Qualifiers have been used.
 3) Yellow shading indicate a detection above the Contract Required Quantitation Limit (CRQL)
 4) Bold red letters with a thick outline indicates a detection above the Trigger Level.
 5) BRL = Below Report Limit; reported data values have a data qualifier of U. J, or UJ
 6) = No Sample Available (Well Dry)
 7) U = Not detected at the listed reporting limit.
 8) B = A actionated who above the method detection limit (MIX) or the instrument detection.

- B = An estimated value above the method detection limit (MDL) or the instrument detection limit (IDL) but below the CRQL.
 UJ = A value less than the CRQL but greater than the MDL.
 J = The analyte was positively identified; the associated numerical value is the approximate concentration of analyte in the sample.
- 11) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.

 12) CRQL = Contract Required Quantitation Limit

- 13) Samples analyzed for <u>Dissolved</u> Inorganics were field filtered using a 0.45 micron, gravity flow filter.

 14) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.



Sampling Event (All Results Expressed in Units of µg/l) **Quarterly Results**

Compound	September-04	December-04	March-05	June-05	September-05	December-05	TRIGGER LEVEL	CRQL
Inorganics - Metals (Dissolved) ¹³	Not Sampled							
Aluminum	7.50 m —	55.3	55.3	16.4	16.4	12.5	A STREET WHITE ST	200
Antimony	_	3.9	3.9	4.0	4.0 UJ	2.7 UJ	60	60
Arsenic		17.7	5.4 J	3.8	3.8	3.5	20	10
Barium	_	162.0	157	151.0	161	175	1,000	200
Beryllium	-	0.2	0.2	0.1	0.1	0.1	5	5
Cadmium		0.3	0.3	0.1	0.1	0.1	5	5
Calcium		96,200	108,000	114,000	103,000	124,000		5,000
Chromium		1.8	1.5	0.8	0.8	4.1	11	10
Cobalt	_	0.6	1.1	0.6	0.6	0.8		50
Copper		1.2	1.2	0.7	0.7	0.8	25	25
Iron	_	1,290	49.4	10.5	80.3	2.9 J	7,000	100
Lead		2.4 J	2.4 UJ	1.4	1.4	1.7	4.2	3
Magnesium	<u> </u>	31,900	33,200	34,500	32,000	35,400	1 Table 10 10 10 10 10 10 10 10 10 10 10 10 10	5,000
Manganese		398	265	84.7	52.6	13.3	THE DESCRIPTION	15
Mercury		0.1	0.1 UJ	0.1	0.1	0.1 UJ	0.2	0.2
Nickel	_	1.1	1.2	0.4	0.4	0.6	96	40
Potassium	_	4,820	4,270	4,110	4,540 J	4,620		5,000
Selenium	_	5.3 J	4.4 R	3.5 UJ	3.5 UJ	3.0	8.5	5
Silver	_	0.9	0.9	1.1	2.6	0.6	10	10
Sodium	_	32,900	29,700	30,600	30,800	29,800		5,000
Thallium		6.3 J	6.3	4.1	4.1 UJ	8.2	40	10
Vanadium		7.4	11.1	11.7	5.9	1.6	4.732	50
Zinc		0.7	2.6	10.1	1.1	10.4	86	20
Inorganics - Metals and Cyanide	A STATE OF THE STA	017			***	1011		
(Total)				Set to be a local to the set of t				
Aluminum		23,400	31,900	17,600 J	20,700 J	25,600		
Antimony	_	3.9	21.7 J	14.6	4.0 UJ	2.7 UJ		
Arsenic	-	60.7 J	19.6 J	6.8	29.1	20.2		
m	_	486	474	364	349	430		
ium	_	1.4	1.8	0.8	1.2	1.7		
Cadmium	10 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	0.3	0.3	0.1	0.1	0.1		
Calcium		441,000	345,000	277,000 J	287,000	353,000		
Chromium	_	54.2 J	64.0	34.4	57.5 J	62.7		
Cobalt	-	27.4	32.2	16.4	17.6	27.1		
Copper		56.0	77.6 J	41.5 J	61.7	60.3 J		. Jahan and a
Cyanide	_	0.5	0.5	0.6	0.8	0.6	10	10
Iron	_	61,800	80,500	45,400 J	49,700	68,200		
Lead	-	39.5 UJ	45.3 J	20.7	25.5	41.4	PER BUILDING	
Magnesium		88,600	86,600	73,800 J	72,300	87,600		
Manganese		2,430	1,970	1,300 J	1,250	1,820		Protection of
Mercury		0.1	0.1 UJ	0.1	0.1	0.7 J		
Nickel	-	63.0	73.4	17.8	55.6 J	63.2 J		
Potassium		11,800	11,500	8,380	10,900	10,100		
Selenium		5.1 J	4.4 UJ	3.5 R	3.5 UJ	3.0		
Silver	-	0.9	0.9	1.1	9.3	2.9	LINE STATE	
Sodium		37,200	31,500	34,700 J	31,600	30,100		
Thallium	_	6.5	6.3 J	4.1 UJ	4.1 UJ	5.6		
Vanadium		63.2	59.4 J	38.0 J	45.8 J	11.5	11-12-1-1	
Zinc	Mark -	178	224	128	147 J	195	SCC THE SEC	
Volatile Organic Compounds (VOCs)		BRL	BRL	BRL	BRL	BRL		
Benzene	Western I F	0.061 J	1.0 U	1.0 U	1.0 U	1.0 U	5	10
Semi-Volatile Organic Compounds (SVOCs)		BRL	BRL	BRL	BRL	BRL		
Pesticides / PCBs	_	BRL	BRL	BRL	BRL	BRL	THE PERSON NAMED IN	

- All results expressed in micrograms per liter (μg/L).
 Standard Inorganic Data Qualifiers have been used.
- 3) Yellow shading indicate a detection above the Contract Required Quantitation Limit (CRQL)

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 9) UJ = A value less than the CRQL but greater than the MDL.
 J = The analyte was positively identified; the associated numerical value is the approximate concentration of analyte in the sample.
 R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
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 13) Samples analyzed for <u>Dissolved</u> Inorganics were field filtered using a 0.45 micron, gravity flow filter.
 14) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.



Sampling Event (All Results Expressed in Units of µg/l)

			omig Event (An Res				-	
1200001111	3							
Compound	September-04	December-04	March-05	June-05	September-05	December-05	TRIGGER LEVEL	CRQL
norganics - Metals (Dissolved) ¹³								
Aluminum	55.3	55.3	55.3	16.4	16.4	12.5	4/1/1972	200
Antimony	3.9	5.7	6.9	7.7	4.0 UJ	2.7 UJ	60	60
Arsenic	5.4	28.5 J	5.4	3.8	3.8	3.5	20	10
Barium	28.6	23.0	21.1	24.6	50.0	51.6	1,000	200
Beryllium	0.2	0.2	0.2	0.1	0.1	0.1	5	5
Cadmium	0.3	0.3	0.3	0.1	0.1	0.1	5	5
Calcium	238,000	217,000	236,000	240,000	173,000	179,000		5,000
Chromium	4.4	2.4	1.5	0.8	0.8	4.0	11	10
Cobalt	0.6	0.7	0.6	0.6	0.6	0.6		50
Copper	1.2	1.2	1.2	0.7	0.8	0.8	25	25
ron	9.1	9.1	9.1	10.5	10.5	2.9	7,000	100
Lead	2.4	2.4	2.4 UJ	1.4	1.4	1.7	4.2	3
Magnesium	53,500	44,200	53,900	54,600	32,800	32,400		5,000
Manganese	13.6	1.3	0.6	0.1	0.2	24.9		15
Mercury	0.1	0.1	0.1 UJ	0.1	0.1	0.1 J	0.2	0.2
Nickel	1.1	and the second s		0.4		0.4	96	40
	25,200	1.2 32,500 J	1.1 19,200	23,200	0.4 27,500 J	18,700	90	5,000
Potassium							0.5	
Selenium	4.4 UJ	4.4	4.4 R	3.5 UJ	3.5 UJ	3.0	8.5	5
Silver	1.2	0.9	0.9	1.1	3.2	0.6	10	10
Sodium	179,000	134,000	135,000	151,000	96,600	74,900		5,000
Thallium	6.3	6.3	6.3	4.1	4.1	8.4	40	10
Vanadium	1.1	8.6	16.0	16.0	6.5	1.6		50
Zinc	0.7	0.7	13.3	12.5	1.1	13.4	86	20
Inorganics - Metals and Cyanide (Total)								
Aluminum	4,300 J	1,040 J	7,180	2,390 J	1,410 J	3,420		
Antimony	4,300 J 4.9							
Arsenic	5.4	4.2 28.2 J	13.7 J 5.4	7.2 4.1	4.0 UJ 8.8	2.7 UJ 6.4		
Barium	214	44.6 J	328	85.2	72.5	83.2		
Beryllium	0.2	0.2	0.3	0.1	0.1	0.3		
Cadmium	0.2	0.3	1.5	0.1	0.1	0.1		
Calcium	276,000	211,000	275,000	238,000 J	177,000	201,000		
Chromium	22.8		28.7	30.7		14.2		
Cobalt	8.4	6.8	13.1	4.7	5.5 J 1.5	4.2		
Copper	6.5 J	2.7	13.1 18.4 J	5.0 J	6.6	9.3 J		
Cyanide	0.5	0.5	0.6	0.6	0.6	0.6	10	10
Iron	14,000	4,260 J	23,600	10,500 J	4,990	11,500	10	10
Lead	11.7 J	2.4	8.6 J	2.4	2.6	9.4		-
Magnesium	58,000	40,400	61,100	56,000 J	34,300	36,400		_
Manganese Manganese	1,180	295	1,680	56,000 J 566 J	236	543		
	0.1			The same of the sa				
Mercury Nickel	19.0	0.1	0.1 UJ 32.7	0.1	0.1	0.2 J		
Potassium	28,600	6.6 33,700 J	22,000	22,500	4.9 J 25,900	12.0 J 18,800		
Selenium	4.4 R	33,700 J 4.4	4.4 UJ	3.5 R	3.5 UJ	3.0		
Silver	0.9	0.9	0.9	1.1	2.7	0.6		
Sodium	184,000	127,000	143,000	148,000 J	93,900	75,700		
Thallium	6.3	6.3	6.3 UJ	4.1 UJ	4.1 UJ	6.3		
Vanadium	1.2	10.6	25.1 J	19.5 J	9.9 J	1.6		
Zinc	34.4 J	15.0 J	68.0	36.0	13.1 J	50.1 J		
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	BRL	BRL	BRL		
1,1-Dichloroethane	0.098 J	0.18 J	1.0 U	1.0 U	0.13 J	1.0 U		10
Ethylbenzene	0.016 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	62	10
Carbon Disulfide	5275 TT				3.5	0.15 J	The state of the s	10
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	BRL	BRL	BRL	BRL		
Pesticides / PCBs	BRL	BRL	BRL	BRL	BRL	BRL		

- 1) All results expressed in micrograms per liter ($\mu g/L$).
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- 13) Samples analyzed for <u>Dissolved</u> Inorganics were field filtered using a 0.45 micron, gravity flow filter.
- 14) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.



Sampling Event (All Results Expressed in Units of µg/l) **Quarterly Results** TRIGGER June-05 September-05 December-05 CROL December-04 March-05 September-04 Compound Insufficient Volume Insufficient Volume Insufficient Volume norganics - Metals (Dissolved)¹³ 200 55 3 I 553 50.4 Antimony 7.4 110 40 60 10 Arsenic 54 4.5 Barium 85 2 I 487 18.7 200 Berylliu 0.2 0.2 0.1 Cadmium 0.3 0.3 0.1 Calcium 5,000 3.0 1.5 5.1 10 Chromiun 0.6 0.6 Cobalt 0.6 25 1.2 1.2 0.7 Copper 100 9.1 J 10.5 Iron 58.5 2.4 IJJ Lead 2.4 J 1.4 5,000 Magnesium 50.800 J 61,600 30,100 Manganese 1.0 0.9 Mercury 0.1 0.1 UI 0.1 0.2 Nickel 12 1.1 04 40 Potassiun 13,100 J 8,350 6,810 5,000 Selenium 6.8 J 4.4 R 3.5 UJ Silver 0.9 0.9 10 Sodium 89,800 74,800 5,000 Thalliun 6.3 6.3 4.1 10 Vanadium 9.9 16.7 11.3 Zinc 0.7] 7.0 9.9 Inorganics - Metals and Cyanide (Total) Aluminum 23,700 18,300 74,200 J Antimony 3.9 5.3 J 36.7 Arsenic 49.9 J 5.4 3.8 Barium 159 111 181 Beryllium 4.3 Cadmium 0.3 0.3 0.1 Calciun 337,000 342,000 568,000 J Chromi 44.0 106 Cobalt 25.3 19.2 77.6 25.4 25.3 J 83.7 J Copper Cyanide 0.5 58,100 42,400 160,000 J Lead 35.0 20.6 J 78.7 Magnesiun 62,200 J 73,500.0 86,700 J Manganese 1,880 1,960.0 4,340 J Mercury 0.1 0.1 UJ 0.2 Nickel 50.1 34.8 105 Potassiu 17,600 J 12,600 19,100 Selenium 9.9 4.4 UJ 3.5 R Silver 0.9 0.9 1.1 Sodium 89,000 78,600 19,500 J Thalling 6.3 6.3 UJ 4.1 UJ Vanadium 55.0 39.8 J 103 J Zinc 140 116 391 Volatile Organic Compounds (VOCs) BRL BRL BRL BRL Benzene 1.0 J 0.083 J 1.0 U 0.53 J Carbon disulfide 1.0 U 1.0 U 0.14 J 10 Semi-Volatile Organic Compounds BRL BRL BRL 0.954 U 11.6 U 10.6 U

Pesticides / PCBs

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BRL



Sampling Event (All Results Expressed in Units of µg/l)

		1						
	S-4-1-04	December-04		June-05	September-05	December-05	TRIGGER	CRQL
Compound	September-04	December-04	March-05	Julie-05	September-05	December-03	LEVEL	CRQL
norganics - Metals (Dissolved) ¹³						Well is Dry		
luminum	55.3	55.3	55.3	16.4	16,4			200
ntimony	7.5	7.5	5.7	7.6	4.0 UJ	_	60	60
Arsenic	5.4	31,2 J	12.9 J	3.8	3,8		20	10
Barium	65.0	65.6	35.2	46.3	70,7		1,000	200
Beryllium	0.2	0.2	0.2	0.1	0.1		5	5
Cadmium	0.3	0.3	0.3	0.1	0.1		3	5,000
Calcium	199,000	216,000	183,000	211,000	228,000		11	10
Chromium	3.8	1.9	1.5	0.8	0.6		- 11	50
Cobalt	1.3	1.6	And the second s	0.7	2.6		25	25
Copper	1,2	1.2	1.2 32.1	122	169		5,000	100
ead	4,410 2,4 UJ	1,310 2.4	2.4 UJ	1.4	1.4		4.2	3
Magnesium	40,500	41,500	33,500	45,800	39,800		402	5,000
Manganese	686	564	713	953	217			15
Mercury	0.1	0.1	0.1 UJ	0.1	0.1		0.2	0.2
Nickel	4.0	3.6	2.0	0.4	9.2	_	96	40
Potassium	8,690 J	8,360 J	6,540	7,010	10,400 J	_		5,000
Selenium	4.4 UJ	4.5	4.4 R	3.5 UJ	3.5 UJ		8.5	5
Silver	0.9	0.9	0.9	1.1	3.2	_	10	10
Sodium	28,400 J	56,600	24,800	35,400	34,300	_		5,000
Fhallium	8.2 J	6.3	6.3	4.1	4.1 UJ	_	40	10
Vanadium	4.4	8.8	9.3	12.9	6.2	_		50
Zinc	0.7	0.7	7.0	13.7	1.1	_	86	20
Inorganics - Metals and Cyanide (Total	Ω					<u> </u>		
Aluminum	7,740 J	6,330 J	4,610	5,930 J	602 J			
Antimony	3.9	4.3	6.2 J	10.4	4.0 UJ	_		
Arsenic	5.4	40.5 J	7.6 J	8.8	7.5	_		
Barium	155	121 J	79.7	101.0	75.7	_		
Beryllium	0.2	0.2	0.2	0.2	0.1	_		
Cadmium	0.3	0.3	0.3	0.1	0.1	_		
Calcium	278,000	237,000	222,000	233,000 J	230,000	_		
Chromium	15.0	12.3	8.5	9.1	1.2 Ј	_		
Cobalt	8.2	5.8	4.7	6.4	1.1	_		
Copper	12.6 J	8.0	9.5 J	11.6 J	5.0	_		
Cyanide	0.8	0.5	0.5	0.6	0.6	_	10	10
Iron	26,200	16,100 J	13,500	18,200 J	2,070			
Lead	10.3 J	4.7 J	2.4 UJ	8.3	1.4	-		
Magnesium	59,700	45,600 J	44,500	51,700 J	39,800	_		
Manganese	1,190	754	923	1,110 J	224			
Mercury	0.1	0.1	0.1 UJ	0.1	0.1	_		
Nickel	19.3	14.8	10.9	0.4	4.7 J	_		
Potassium	10,900	10,400 J	8,380	8,270	10,600			
Selenium	4.4 R	5.2 J	4.4 UJ	3.5 R	3.5 UJ		U.S. Washington	E Maria
Silver	0.9	0.9	0.9	1.1	2.6			
Sodium	32,800	57,400	27,800	33,500 J	33,800			1981
Thallium Vanadium	6.3	6.3	6.3 UJ	4.1 UJ	4.1 UJ			
Vanadium Zinc	6.6 56.9 J	21.7 39.5 J	18.2 J 37.8	21.8 J 54.3	8.5 J 14.6 J			
						-		
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	BRL	BRL	T- Addi	A SECTION	Sald of the
Carbon disulfide	0.43 J	1.0 U	1.0 U	1.0 U	1.7			10
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	BRL	BRL	BRL	_		
Bis(2-Chloroethyl)ether	0.893 J	10.0 U	10.4 U	0.535 J	10.0 J		13.6	10
Bis (2-ethlyhexyl) phthalate	10.0 U	10.0 U	10.4 U	10.0 U	10.0 U		49	10
Pesticides / PCBs	BRL	BRL	BRL	BRL	BRL	_		
Dieldrin					0.024 J			
Heptachlor Epoxide					0.028 J			

- All results expressed in micrograms per liter (μg/L).
 Standard Inorganic Data Qualifiers have been used.
- 3) Yellow shading indicate a detection above the Contract Required Quantitation Limit (CRQL) 4) Bold red letters with a thick outline indicates a detection above the Trigger Level.
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 13) Samples analyzed for <u>Dissolved</u> Inorganics were field filtered using a 0.45 micron, gravity flow filter.

 14) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.



		Sampling	Event (All Results	Expressed in Uni	ts of µg/l)			
			Quarterl	y Results				
Compound	September-04	December-04	March-05	June-05	September-05	December-05	TRIGGER LEVEL	CRQL
Inorganics - Metals (Dissolved) ¹³								
Aluminum	55.3	55.3	1,180	36.6	16.4	22.3		200
Antimony	5.4	5.4	5.5	6.7	4.0	2.7 UJ	60	60
Arsenic	5.4	16.5 J	8.1 J	3.8	3.8 UJ	3.5	20	10
Barium	111	68.5	125	112	57.4	104	1,000	200
Beryllium	0.2	0.2	0.2	0.1	0.1	0.1	5	5
Cadmium	0.3	0.3	0.3	0.1	0.1	0.1	5	5
Calcium	132,000	88,000	133,000	133,000	92,600	133,000		5,000
Chromium	4.5	3.3	4.3	0.8	0.8	6.0	11	10
Cobalt	0.6	0.6	1.2	0.6	0.6	0.4		50
Copper	1.2	1.2	1.4	0.7	0.7	0.8	25	25
Iron	9.1	10.2	2,870	10.5	10.5	7.3 J	7,000	100
Lead	2.4	2.4	2.4 UJ	1.4	1.4	1.7	4.2	3
Magnesium	49,400	32,700	51,300	55,900	25,700	48,300		5,000
Manganese	29.2	9.7	239	65.0	11.9	32.3		15
Mercury	0.1	0.1	0.1 UJ	0.1	0.1	0.1 UJ	0.2	0.2
Nickel	1.1	1.1	5.1	0.4	0.5	1.1	96	40
Potassium	10,000 J	6,680 J	9,340	8,910	3,800 J	8,300		5,000
Selenium	4.4 UJ	4.4	4.4 R	3.5 UJ	3.5 UJ	3.0	8.5	5
Silver	1.6	0.9	0.9	1.1	1.4	0.6	10	10
Sodium	120,000 J	77,000	111,000	126,000	56,700	110,000		5,000
Thallium	6.3	6.3	6.3	4.1	4.1	5.4	40	10
Vanadium	1.1	8.2	15.2	16.0	5.6	1.6		50
Zinc	0.7	5.2	15.2	5.5	1.1	11.1	86	20
Inorganics - Metals and Cyanide (Total)		-					7	
Aluminum	5,690 J	12,400 J	44,600	19,800 J	28,300	10,900		
Antimony	3.9	3.9	27.5 J	15.5	4.0	2.7 UJ		
Arsenic	5.4	37.6 J	5.4	4.5	31.1 J	6.9		
Barium	237	363 J	867	464	457	269		
Beryllium	0.2	0.5	2.2	0.9	1.8	0.7		
Cadmium	0.3	0.3	9.8	0.1	0.3	0.1		
Calcium	200,000	239,000	886,000	274,000 J	414,000	247,000		
Chromium	17.8	33.9	73.4	42.5	66.3	30.8		
Cobalt	6.2	13.9	51.5	20.5	29.1	11.4		
Copper	9.6 J	25.1	86.3 J	40.8 J	81.9	22.9 J		
Cyanide	0.6	0.5	_	0.6	0.7	0.6	10.0	10.0
Iron	14,200	31,900 J	99,000	48,000 J	64,200	26,900		20.0
Lead	16.8 J	23.9 J	62 J	32.3	48.1	21.1		
Magnesium	57,400	68,800 J	107,000	79,000 J	107,000	71,000		
Manganese	608	1,030	5,270	1,430 J	2,210	896	No. of the last of	
Mercury	0.1	0.1	0.1 UJ	0.1	0.1	0.3 J		
Nickel	12.3	35.1	101	15.8	66.5	27.5 J		
Potassium	12,000	13,800 J	18,700	13,200	17,500	11,000		
Selenium	4.4 R	8.1 J	4.4 UJ	3.5 R	3.5 R	3.0		
Silver	0.9	0.9	0.9	1.1	9.8	0.6		
Sodium	121,000	118,000	123,000	122,000 J	119,000	116,000		
Thallium	6.3	6.3	6.3 UJ	4.1 UJ	4.1	5.8		
Vanadium	1.9	37.1	72.9 J	42.8 J	56.5	1.6		
Zinc	42.9 J	97.8 J	324	150.0	219	88.9 J		
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	BRL	BRL	BRL		
Benzene	0.035 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5	10
Carbon Disulfide						1.1		10
Ethylbenzene	0.019 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	62	10
Xylene (total)	0.039 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10,000	10

(SVOCs) Pesticides / PCBs

- All results expressed in micrograms per liter (μg/L).
 Standard Inorganic Data Qualifiers have been used.
- 3) Yellow shading indicate a detection above the Contract Required Quantitation Limit (CRQL) 4) Bold red letters with a thick outline indicates a detection above the Trigger Level.

BRL

- 5) BRL = Below Report Limit; reported data values have a data qualifier of U. J, or UJ

Semi-Volatile Organic Compounds

- 6) = No Sample Available (Well Dry) 7) U = Not detected at the listed reporting limit.
- 8) B = An estimated value above the method detection limit (MDL) or the instrument detection limit (IDL) but below the CRQL.
 9) UJ = A value less than the CRQL but greater than the MDL.

BRL

- 10) J = The analyte was positively identified; the associated numerical value is the approximate concentration of analyte in the sample.

 11) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
- 12) CRQL = Contract Required Quantitation Limit
- 13) Samples analyzed for <u>Dissolved</u> Inorganics were field filtered using a 0.45 micron, gravity flow filter.

 14) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.

BRL

BRL

BRL

BRL

BRL



Skinner Landfill West Chester, Ohio

Groundwater Analysis Summary Table for Monitoring Well GW-62B

		Sampling Event (All Results Expressed in Units of µg/l)							
Compound	December-04	March-05	June-05	September-05	December-05	TRIGGER LEVEL	CRQL		
Inorganics - Metals (Dissolved) ¹³	Insufficient Volume	Insufficient Volume	Well is Dry	Well is Dry	Well is Dry				
Inorganics - Metals and Cyanide (Total)	_		1-1	-	_				
Volatile Organic Compounds (VOCs)	BRL	BRL		_	_				
1,1-Dichloroethane	0.47 J	0.26 J	A SHEET STATE				10		
Chlorobenzene	1.0 U	1.0 U				26	10		
Trichlorothene	1.0 U	1.0 U				5	10		
Xylene	1.0 U	1.0 U				10,000	10		
Benzene	1.0 U	1.0 U				5	10		
Semi-Volatile Organic Compounds (SVOCs)	BRL	-		-	-	7	71		
Bis (2-Chloroethyl) ether	11.8 U	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		11.452		13.6	10		
Pesticides / PCBs	_	-	-	_	_				

Notes:

- Notes:

 1) All results expressed in micrograms per liter (µg/L).
 2) Standard Inorganic Data Qualifiers have been used.
 3) Yellow shading indicate a detection above the Contract Required Quantitation Limit (CRQL)
 4) Bold red letters with a thick outline indicates a detection above the Trigger Level.
 5) BRL = Below Report Limit; reported data values have a data qualifier of U. J., or UJ
 6) = No Sample Available (Well Dry)
 7) U = Not detected at the listed reporting limit.
 8) B = An estimated value above the method detection limit (MDL) or the instrument detection limit (IDL) but below the CRQL.
 9) UJ = A value less than the CRQL but greater than the MDL.
 10) J = The analyte was positively identified; the associated numerical value is the approximate concentration of analyte in the sample.
 11) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
 12) CRQL = Contract Required Quantitation Limit
 13) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
 14) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.

Sampling Event (All Results Expressed in Units of μg/l)	
Quarterly Results	

	Quarterly Results							
Compound	September-04	December-04	March-05	June-05	September-05	December-05	TRIGGER LEVEL	CRQL
norganics - Metals (Dissolved) ¹³								
luminum	55.3	55.3	55.3	31.7	322	14.9		200
ntimony	5.7	6.2	7.8	6.4	4.0	2.7 UJ	60	60
rsenic	5.4	30.4 J	14.8 J	3.8	3.8 UJ	3.5	20	10
arium	50.6	41.3	31.7	31.0	117	71.7	1,000	200
eryllium	0.2	0.2	0.2	0.1	0.1	0.0	5	5
admium	0.3	0.3	0.3	0.1	0.1	0.1	5	5
alcium	292,000	252,000	286,000	245,000	141,000	291,000		5,000
hromium	4.7	3.2	1.5	0.8	0.8	7.7	- 11	10
obalt	2.9	2.6	2.4	2.1	0.6	2.8		50
opper	1.2	1.2	1.2	0.7	1.5	0.8	25	25
on	1,150	1,220	655	1,840	383	583 J	7,000	100
ead	2.4	2.4	2.4 UJ	1.4	1,4	1.7	4.2	3
agnesium	63,300	57,900	69,600	56,800	54,200	65,900	7.0	5,000
AND ASSESSMENT OF THE PARTY OF	2,610	1,970	1,530	1,980	120	2,290		15
anganese	0.1				0.1	0.1 J	0.2	0.2
ercury		0.1	0.1 UJ	0.1	_			
ickel	4.0	3.8	1.6	0.4	1.7	3.8	96	40
otassium	9,090 J	8,450 J	5,920	7,300	10,600 J	9,120		5,000
elenium	4.4 UJ	6.8	4.4	3.5 J	3.5 UJ	3.0	8.5	5
lver	0.9	0.9	0.9	1.1	2.4	0.6	10	10
odium	99,800 J	50,700	44,700	66,300	120,000	68,000		5,000
hallium	6.3	6.3	6.3	4.1	4.1	7.7	40	10
anadium	1.1	10.9	16.5	14.7	6.8	1.6		50
inc	0.7	0.7	8.3	10.2	36.6	12.7	86	20
organics - Metals and Cyanide	THE PRINCE OF			STREET ST				
Total)		20 700 7	T 42 400	T	T 20 100	20 500		
luminum	37,200 J	30,700 J	62,600	99,900 J	39,100	28,500		
ntimony	3.9	3.9	30.1 J	53.5	4.0	2.7 J		
rsenic	5.4	74.0 J	5.4	3.8	40.9 J	14.9		
arium	279	244 J	393	617	315	238		
eryllium	1.4	1.7	3.5	5.3	3.0	1.8		
admium	0.3	0.3	0.3	0.1	0.5	0.1	-	
alcium	569,000	752,000	702,000	922,000 J	737,000	431,000		
hromium	52.0	41.9	67.9	120	66.4	46.1		
obalt	41.1	38.6	60.7	99.3	43.8	29.4		
Copper	64.0 Ј	43.0	124 J	187 J	94.9	51.8 J	S. 100	
yanide	0.7	0.5	0.5 U	0.6	0.8	0.6	10	10
ron	84,700	69,800 J	141,000	223,000 J	88,300	63,600	THE WINDS TO	Ten y
ead	57.4 J	46.6 J	85.6 J	140	46.8	42.9		
fagnesium	121,000	106,000 J	157,000	184,000 J	118,000	102,000		
fanganese	5,250	6,160	5,660	8,490 J	6,100	3,820		
fercury	0.1	0.1	0.1 J	0.2	0.1	1.1 J		
lickel	83.3	68.7	119	171	85.4	60.1 J		
otassium	15,500	16,100 J	15,200	22,000	19,000	13,500		
elenium		10,100 J		3.5 R	3.5 R			
	4.4 R		17.2 J			3.0		
ilver	0.9	0.9	0.9	1.1	12.4	2.3		
odium	100,000	53,100	45,800	71,100 J	77,700	63,500		
hallium	6.3	6.3	6.3 UJ	4.1 UJ	4.1	5,2	101	
/anadium	58.7	74.1	90.7 J	1.0 J	72.7	11.4		
inc	243 J	199 J	403	637	233	188 J	Call Call	ALBO, AL
olatile Organic Compounds (VOCs)	BRL	BRL	BRL	BRL	BRL	BRL		
cetone	5.0 R	5.0 R	5.0 R	5.0 R	5.5 R	5.0 R		10
enzene	0.027	1.0 U	1.0 U	0.13 J	1.0 U	1.0 J	5	10
arbon disulfide	0.075 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	THE RESERVE THE PARTY OF THE PA	10
thylbenzene	0.022 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	62	10
ylene (total)	0.037 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10,000	10
emi-Volatile Organic Compounds SVOCs)	BRL	BRL	BRL	BRL	BRL	BRL		
Di-n-butylphthalate	10.0 U	10.0 U	10.0 U	10.0 U	12.2 UJ	10.0 U	10	10
Sutylbenzylphthalate	10.0 U	10.0 U	0.771 J	1.07 J	12.2 UJ	10.0 U	10	10
d II - (non	DP.							-
Pesticides / PCBs	BRL	BRL	BRL	BRL	BRL	BRL	, ,	

- Notes:

 1) All results expressed in micrograms per liter (µg/L).
 2) Standard Inorganic Data Qualifiers have been used.
 3) Yellow shading indicate a detection above the Contract Required Quantitation Limit (CRQL)
 4) Bold red letters with a thick outline indicates a detection above the Trigger Level.
 5) BRL. = Below Report Limit; reported data values have a data qualifier of U. J, or UJ
 6) = No Sample Available (Well Dry)
 7) U = Not detected at the listed reporting limit.
 8) B = An estimated value above the method detection limit (MDL) or the instrument detection limit (IDL) but below the CRQL.
 9) UJ = A value less than the CRQL but greater than the MDL.
 10) J = The analyte was positively identified; the associated numerical value is the approximate concentration of analyte in the sample.
 11) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
 12) CRQL = Contract Required Quantitation Limit
 13) Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
 14) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.



Sampling Event (All Results Expressed in Units of µg/l)	
Quarterly Results	

	Quarterly Results							
Compound	September-04	December-04	March-05	June-05	September-05	December-05	TRIGGER LEVEL	CRQL
Inorganics - Metals (Dissolved) ¹³				Value Villa				
Aluminum	55.3	55.3	55.3	23.4	16.4	20.8		200
Antimony	7.1	5.9	3.9	5.8	4.0	2.7 UJ	60	60
Arsenic	5.4	23.6 J	5.4	3.8	3.8 UJ	3.5	20	10
Barium	26.6	28.3	29.6	32.1	64.6	41.5	1,000	200
Beryllium	0.2	0.2	0.2	0.1	0.1	0.1	5	5
Cadmium	0.3	0.3	0.3	0.1	0.1	0.1	5	5
Calcium	184,000	173,000	182,000	181,000	234,000	173,000		5,000
Chromium	6.0	2.6	1.5	0.8	0.8	6.6	11	10
Cobalt	0.9	1.1	0.6	0.6	2.0	1.0		50
Copper	1.2	1.2	1.2	0.7	0.7	0.8	25	25
Iron	9.1	9.1	9.1	10.5	128	2.9	7,000	100
Lead	2.4	2.4	2.4 UJ	1.4	1.4	1.7	4,2	3
Magnesium	59,600	58,000	59,200	57,300	51,700	52,800		5,000
Manganese	100	830	863	115	1,970	469		15
Mercury	0.1	0.1	0.1 UJ	0.1	0.1	0.1 J	0.2	0.2
Nickel	2.8	9.4	5.1	0.4	3.5	4.5	96	40
Potassium	20,400 J	18,000 J	10,200	10,100	10,400 J	10,800		5,000
Selenium	4.4 UJ	4.4	4.4 R	3.5 UJ	3.5 UJ	3.0	8.5	5
Silver	1.1	0.9	0.9	1.1	1.7	0.6	10	10
Sodium	64,400 J	56,200	45,000	46,300	74,700	51,700	10	5,000
Thallium	6.3	6.3	6.3	4.1	4.1	9.8	40	10
Vanadium							40	50
	1.1	9.6	13.4	15.8	6.2	1.6	96	20
Zinc Inorganics - Metals and Cyanide	0.7	0.7	5.1	7.5	4.7	12.2	86	20
(Total)								
Aluminum	14,600 J	15,100 J	15,800	66,200 J	23,500	31,500		
Antimony	3.9	3.9	12.0 J	33.4	4.0	2.7 UJ		
Arsenic	5.4	36.4 J	5.4	3.8	16.8	9.4		
Barium	59.8	68.7 J	66.6	174	109	111		
Beryllium	0.3	0.8	0.8	3.7	1.4	1.9		
Cadmium	0.3	0.3	0.3	0.1	0.1	0.1		
Calcium	224,000	245,000	249,000	441,000 J	267,000	333,000		
Chromium	24.3	28.7	22.7	93.8	44.3	53.7		
Cobalt	13.6	17.2	18.3	63.9	21.0	30.2		
Copper	14.9 J	17.7	18.2 J	66.4 J	37.3	36.5 J		
Cyanide	1.2	0.5	0.5	0.6	0.7	0.6	10	10
Iron	34,500	38,600 J	38,200	150,000 J	49,900	74,100	10	10
Lead	14.4 J	15.1 J	11.0 J	58.9	13.5	27.1		-
Magnesium	67,300	74,100 J		105,000 J				
Manganese	1,460	2,530	71,100 2,550	4,290 J	71,600 2,140	79,200 2,830	The second	
Mercury	0.1	0.1	0.1 UJ	0.1	0.1	0.900 J		
	32.3							
Nickel		42.9	36.3	102	44.6	64.800 J		
Potassium	23,500	21,200 J	14,500	21,000	16,100	16,000		
Selenium Silver	4.4 R 0.9	5.1 J 0.9	4.4 UJ	3.5 R	3.5	4.1		-
Solver Sodium	63,100		0.9	1.1	7.0	3.4		
A CONTRACTOR OF THE PARTY OF TH		56,300	49,600	46,300 J	45,100	51,800		-
Thallium Vanadium	6.3	6.3	6.3 UJ	4.1 UJ	4.1	5.2		-
Vanadium Zinc	16.0 70.3 J	40.8 83.1 J	32.3 J 82.4	89.3 J 337	42.4 112	11.0 166		
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	BRL	BRL	BRL		
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	BRL	BRL	BRL	BRL		
Pesticides / PCBs	BRL	BRL	BRL	BRL	BRL	BRL		

Notes:

- 1) All results expressed in micrograms per liter (µg/L).
- 2) Standard Inorganic Data Qualifiers have been used.
- 3) Yellow shading indicate a detection above the Contract Required Quantitation Limit (CRQL) 4) Bold red letters with a thick outline indicates a detection above the Trigger Level.
- 5) BRL = Below Report Limit; reported data values have a data qualifier of U. J, or UJ

- 6) = No Sample Available (Well Dry)
 7) $U \approx Not$ detected at the listed reporting limit,
 8) $B \approx An$ estimated value above the method detection limit (MDL) or the instrument detection limit (IDL) but below the CRQL.
- 9) UJ = A value less than the CRQL but greater than the MDL.
- 10) J = The analyte was positively identified; the associated numerical value is the approximate concentration of analyte in the sample. 11) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
- 12) CRQL = Contract Required Quantitation Limit
- 13) Samples analyzed for <u>Dissolved</u> Inorganics were field filtered using a 0.45 micron, gravity flow filter.

 14) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.



		Sampling Event (All Results Expressed in Units of µg/l)						
			Quarterly Result	s		1		
Compound	December-04	March-05	June-05	September-05	December-05	TRIGGER LEVEL	CRQL	
Inorganics - Metals (Dissolved) ¹³	Insufficient Volume	Well is Dry	Well is Dry	Insufficient Volume	Well is Dry			
Antimony	_	210,000	37712	_		60	60	
Arsenic	_		_	_	_	10	10	
Barium	_	_	_	_	_	1,000	200	
Beryllium	_		ALCE TO THE	_	_	5	5	
Cadmium	_	_		_	_	5	5	
Chromium						11	10	
Copper	_			_	_	25	25	
fron		_			_	5,000	100	
Lead					_	4.2	3	
Mercury						0.2	0.2	
Nickel			_		_	96	40	
Selenium						5	5	
Silver			<u> </u>				10	
	-	-	_	_		10		
Thallium	_	-			_	40	10	
Zinc Inorganics - Metals and Cyanide		-	TX	_		86	20	
(Total)								
Antimony		2 3 4 1						
Arsenic								
Barium								
Beryllium								
Cadmium		_						
Chromium		_	_	_	-			
Copper		_		_	-	10	10	
Cyanide			-	_	-	10	10	
Iron		-		_	_			
ead		_	_				_	
Mercury		_	_	_				
Nickel			<u> </u>	_	_			
Selenium			_	_	_			
Silver		-	_					
Γhallium	_	-						
Zinc	_				_			
Volatile Organic Compounds (VOCs)	BRL	<u>-</u>	7 2	BRL	-			
Semi-Volatile Organic Compounds (SVOCs)	-	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	-	-	-			
Pesticides / PCBs		= 1	_	_				

- Notes:

 1) All results expressed in micrograms per liter (µg/L).
 2) Standard Inorganic Data Qualifiers have been used.
 3) Yellow shading indicate a detection above the Contract Required Quantitation Limit (CRQL)
 4) Bold red letters with a thick outline indicates a detection above the Trigger Level.
 5) BRL Below Report Limit; reported data values have a data qualifier of U. J. or UJ
 6) = No Sample Available (Well Dry)
 7) U = No t detected at the listed reporting limit.
 8) B = An estimated value above the method detection limit (MDL) or the instrument detection limit (IDL) but below the CRQL.
 9) UJ = A value less than the CRQL but greater than the MDL.
 10) J = The analyte was positively identified; the associated numerical value is the approximate concentration of analyte in the sample.
 11) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
 12) CRQL = Contract Required Quantitation Limit
 13) Samples analyzed for <u>Dissolved</u> Inorganics were field filtered using a 0.45 micron, gravity flow filter.
 14) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.

Skinner Landfill West Chester, Ohio Groundwater Analysis Summary Table for Creek Surface Water Sample Location SW-50

1.44		Sampli	ng Event (All Resu	Its Expressed in Ur	nits of µg/l)		1	
	Quarterly Results							
Compound	September-04	December-04	March-05	June-05	September-05	December-05	TRIGGER LEVEL	CRQL
(norganics - Metals (Dissolved) ¹³							17/2	
Aluminum	55.3	55.3	55.3	25.2	16.4	25.1		200
Antimony	9.9	3.9	5.9	4.0	4.0	2.7	60	60
Arsenic	5.4	13.1 J	5.4	6.8	3.8 UJ	3.5	20	10
Barium	56.3	38.4	40.2	53.1	57.5	50.6	1,000	200
Beryllium	0.2	0.2	0.2	0.1	0.1	0.1	5	5
Cadmium	0.3	0.3	0.3	1.0	0.1	0.1	5	5
Calcium	95,700	10,900	93,500	89,000	90,900	110,000		5,000
Chromium	3.5	3.8 J	1.5	5.4	0.8	3.8	11	10
Cobalt	0.6	0.6	0.6	0.6	0.6	0.4		50
Copper	1.2	1.2	1.2	0.7	1.7	0.8	25	25
Iron	9.1	9.1	9.1	10.5	10.5	43.7	7,000	100
Lead	2.4 UJ	2.4 UJ	2.4 UJ	1.4 UJ	1.4	2.0	4.2	3
Magnesium	28,500	30,500	30,900	28,000	25,700	30,800	4.5	5,000
Manganese	27.1	2.8	0.9	7.4 J	3.5	0.1	-	15
Mercury	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
	and the second of the second of the second of the second of		and the second s	A STREET OF THE OWNER, WHEN THE PARTY OF THE			96	40
Nickel	1.1	1.1	1,1	0.4 UJ	0.4	0.4	90	
Potassium	4,340	2,180	1,870	3,460	3,960 Ј	3,110	0.5	5,000
Selenium	4.4 R	7.9 J	4.4 R	3.5 R	3.5 UJ	4.3	8.5	5
Silver	1.3	1.0	0.9	1.1	1.1	0.6	10	10
Sodium	49,200 J	45,800	90,000	53,000	54,200	100,000		5,000
Thallium	6.3	6.3	6.3 UJ	4.1	4.1	7.1	40	10
Vanadium	4.0	7.8	9.5	11.5	5.1	1.6		50
Zinc	0.7	0.7	3.7	8.3	1.1	11.1	86	20
Inorganics - Metals and Cyanide								
(Total)								
Aluminum	55.3	55.3	55.3	46.2	36.8	21.8		
Antimony	3.9	3.9	3.9	4.0	4.0	2.7		
Arsenic	5.4	18.2	5.4	7.2	3.8 UJ	3.5		
Barium	57.6	39.1	40.1	50.5	58.9	50.5		
Beryllium	0.2	0.2	0.2	0.1	0.1	0.1		
Cadmium	0.3	0.3	0.3	0.1	0.1	0.1		
Calcium	93,400	106,000	92,900	85,200	91,800	108,000		
Chromium	2.9	2.2	1.5	29.8	0.8	4.8		
Cobalt	0.6	0.6	0.6	0.6	0.6	0.4		
Copper	1.2	1.2	1.2	1.4	1.8	0.8	Link Co., July 1	
Cyanide	0.5	0.5	0.6	0.6	0.6	0.6	10	10
Iron	9.1	34.2	15.0	132.0	13.3	24.3	BEINFAME SERVICE	Silver
Lead	2.4	2.4 UJ	2.4 UJ	1.4 UJ	1.4	1.7		
Magnesium	26,800	30,600	30,200	26,500	26,300	30,500		
Manganese	43.3	4.5	1.2	10.4 J	5.4	0.1		
Mercury	0.1	0.1	0.1	0.1	0.1	0.1		
Nickel	1.1	1.1	1.1	0.4 UJ	0.4	0.6 U		
Potassium	3,910	2,150	1,760	3,310	3,950 R	2,910 Ј		
Selenium	4.4 R	4.4 UJ	4.4 R	3.5 R	3.5	3.0 UJ		
Silver	0.9	0.9	0.9	1.1	1.2	0.6		alc is
Sodium	48,100	44,600	89,000	51,200	54,400	97,700	1305	
Thallium	6.3	7.4 J	6.3	4.1	4.1	5.9		
Vanadium	1.1	6.3	9.7	11.8	4.3	1.6	U av Bar	
Zinc	0.7	0.7	1.7	7.1 J	9.8	6.0		East 1
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	BRL	BRL	BRL		
Acetone			2.2 R	5.0 U	5.0 U	5.0 U		10
1,2,4-Trichlorobenzene	0.026 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	77	10
Chloroform	0.026 J	1.0 U	1.0 U	0.14 J	1.0 U	1.0 U	79	10
Carbon Disulfide	5,017 9	0.53 J	1.0 U	1.0 U	1.0 U	1.0 U	7.5	10
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	BRL	BRL	BRL	BRL		
Fluoranthene	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10	10
Phenanthrene	10.0 U	10.0 U	10.0 U					10
				10.0 U	10.0 U	10.0 U	10	
Pyrene Diathylphthalata	10.0 U 10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U		10
Diethylphthalate		10.0 U	10.0 U	10.0 U	10.0 U	10.0 U		10
Pesticides / PCBs	BRL	BRL	BRL	BRL	BRL	BRL	1	

- Notes:

 1) All results expressed in micrograms per liter (µg/L).

 2) Standard Inorganic Data Qualifiers have been used.

 3) Yellow shading indicate a detection above the Contract Required Quantitation Limit (CRQL)

 4) Bold red letters with a thick outline indicates a detection above the Trigger Level.

 5) BRL = Below Report Limit: reported data values have a data qualifier of U. J. or UJ

 6) No Sample Available (Well Dry)

 7) U = No Idetected at the listed reporting limit.

 8) B = An estimated value above the method detection limit (MDL) or the instrument detection limit (IDL) but below the CRQL.

 9) UJ = A value less than the CRQL but greater than the MDL.

 10) J = The analyte was positively identified; the associated numerical value is the approximate concentration of analyte in the sample.

 11) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.

 12) CRQL = Contract Required Quantitation Limit

 13) Samples analyzed for <u>Dissolved</u> Inorganics were field filtered using a .45 micron, gravity flow filter.

 14) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.



Skinner Landfill West Chester, Ohio

Groundwater Analysis Summary Table for Creek Surface Water Sample Location SW-51

		Sampling	Event (All Resul	ts Expressed in U	Units of μg/l)			
	Quarterly Results							
Compound	September-04	December-04	March-05	June-05	September-05	December-05	TRIGGER LEVEL	CRQL
norganics - Metals (Dissolved) ¹³								
Aluminum	55.3	55.3	55.3	18.1	16.4	12.5	THE REPORT OF	200
Antimony	3.9	3.9	3.9	4.0	4.0	2.7	60	60
Arsenic	7.7	12.1 J	5.4	8.7	3.8 UJ	3.5	20	10
Barium	51.0	39.1	41	48.6	0.2	49.5	1,000	200
Beryllium	0.2	0.2	0.2	0.1	0.1	0.1	5	5
Cadmium	0.3	0.3	0.3	0.1	0.3	0.1	5	5
Calcium	89,300	110,000	95,500	94,700	53.9	10,800		5,000
Chromium	3.1	1.5 J	1.5	12.7	1.3	3.7	- 11	10
Cobalt	0.6	0.6	0.6	0.6	0.6	0.4		50
Copper	1.2	1.2	1.2	0.7	0.7	0.8	25	25
ron	9.1	9.1	9.1	35.3	10.5	2.9	7,000	100
ead	2.4	2.4 UJ	2.4 UJ	1.4 UJ	1.4	1.7	4.2	3
Magnesium	29,300	32,000	31,500	29,400	13.0	29,400		5,000
Manganese	2.6	5.6	1.3	4.8 J	0.1	0.1		15
Mercury	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
Nickel	1.1	1.1	1.1	0.4 UJ	1.2	0.4	96	40
Potassium	3,960	2,160	1,800	3,060	54.2	2,840 J		5,000
Selenium	4.4 R	4.4 UJ	4.4 R	3.5 R	3.5	3.0 UJ	8.5	5
Silver	1.2	0.9	0.9	1.1	1.1	0.6	10	10
Sodium	49,200 J	46,700	102,000	53,700	400	100,000		5,000
Thallium	6.3	6.3	6.3 UJ	4.1	4.1	6.5	40	10
Vanadium	1.1	7.0	9.5	13.2	0.6	1.6		50
Zinc	0.7	0.7	2.5	9.3	2.6	9.5	86	20
Inorganics - Metals and Cyanide								
(Total)			100000	THE PARTY OF THE P	1			
Aluminum	55.3	55.3	55.3	43.6	30.1	21.2		
Antimony	6.7	3.9	3.9	4.0	4.0	2.7		
Arsenic	5.4	19.4	5.4	9.1	3.8 UJ	3.5		
Barium	50.7	39.7	40.0	50.4	52.0	50.3		
Beryllium	0.2	0.2	0.2	0.1	0.1	0.1		
Cadmium	0.3	0.3	0.3	0.1	0.1	0.1		
Calcium	89,400	110,000	90,500	95,300	87,300	108,000		
Chromium	2.6	1.7	1.5	7.6	0.8	3.9		
Cobalt	0.6	0.6	0.6	0.6	0.6	0.4		
Copper	1.2	1.2	1.2	0.7	0.9	0.8	10	10
Cyanide	0.5	0.5	0.6	0.6	0.6	8.0	10	10
Iron Lead	82.8 2.4	39.0 2.4 UJ	28.6 2.4 UJ	27.9 U 1.4 UJ	45.0 1.4	30.2		
Magnesium	27,300	32,500	29,800			1.7		
Magnesium Manganese	12.2	6.7	29,800	30,600 5.4 J	24,600	30,400 0.1		
		0.100						
Mercury Nickel	0.1	1.100	0.1	0.1 0.4 UJ	0.1	0.1		
Potassium	3,890	2,130	1,760.0	3,080	0.4 3,610	2,840 J		
Selenium	3,890 4.4 R	2,130 4.6 J	1,760.0 4.4 R	3,080 3.5 R	3,610 3.5 R	2,840 J 3.0 UJ		
Silver	1.1	0.9	0.9	1.1	1.1	0.6		
Sodium	49,400	44,900	100,000	56,100	54,000	97,300		
l'hallium	6.3	6.3 UJ	6.3	4.1	4.1	4.6		- 13 - 10
Vanadium	1.1	6.8	9.2	12.9	5.1	1.6		
Zinc	0.7	0.7	2.4	4.8 J	1.1	8.4		
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	BRL	BRL	BRL		
Acetone		5.0 R	5.0 R	5.0 R	5.0 R	5.0 R		
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	BRL	BRL	BRL	BRL		
A CHARLES AND A PROPERTY OF	BRL	BRL	BRL	BRL	BRL	BRL		
Pesticides / PCBs	BKL	DKL	DKL	DKL	DKL	DKL		

- 1) All results expressed in micrograms per liter ($\mu g/L$). 2) Standard Inorganic Data Qualifiers have been used.
- 3) Yellow shading indicate a detection above the Contract Required Quantitation Limit (CRQL)
 4) Bold red letters with a thick outline indicates a detection above the Trigger Level.
 5) BRL = Below Report Limit; reported data values have a data qualifier of U. J., or UJ

- 6) = No Sample Available (Well Dry)
 7) U = Not detected at the listed reporting limit.
- 8) B = An estimated value above the method detection limit (MDL) or the instrument detection limit (IDL) but below the CRQL.
- 9) UJ = A value less than the CRQL but greater than the MDL.
 10) J = The analyte was positively identified; the associated numerical value is the approximate concentration of analyte in the sample.
- 11) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.

 12) CRQL = Contract Required Quantitation Limit
- 13) Samples analyzed for Dissolved Inorganics were field filtered using a .45 micron, gravity flow filter.
- 14) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.



Skinner Landfill West Chester, Ohio

Groundwater Analysis Summary Table for Creek Surface Water Sample Location SW-52

		Sampli	ng Event (All Re	esults Expressed	in Units of μg/l)			
Compound	September-04	December-04	March-05	June-05	September-05	December-05	TRIGGER LEVEL	CRQL
Inorganics - Metals (Dissolved) ¹³								
Aluminum	55.3	55.3	55.3	30.0	16.4	12.5		200
Antimony	8.8	3.9	3.9	4.0	4.0	2.7	60	60
Arsenic	5.4	20.1 J	10.0 J	3.8	3.8 UJ	3.5	20	10
Barium	54.3	40.4	42.2	48.2	51.4	51.2	1,000	200
Beryllium	0.2	0.2	0.2	0.1	0.1	0.1	5	5
Cadmium	0.3	0.3	0.3	0.1	0.1	0.1	5	5
Calcium	96,400	112,000	97,600	94,500	86,800	10,300		5,000
Chromium	3.0	1.6 J	1.5	0.8	0.8	3.8	- 11	10
Cobalt	0.6	0.6	0.6	0.6	0.6	0.4		50
Copper	1.2	1.2	1.2	0.7	1.3	0.8	25	25
fron	9.1	9.1 2.4 UJ	9.1	10.5	10.5	2.9 1.7	7,000	100
Lead	2.4	32,100	2.4 UJ 31,500	1.4 UJ 26,100	24,900	29,800	4.2	5,000
Magnesium	24.0	5.0	1.3	3.9 J	5.1	0.1		15
Manganese Mercury	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
Nickel	1.1	1.1	1.1	0.1 0.4 UJ	0.1	0.1	96	40
Potassium	3,600	2,100	1,660	3,510	3,570 J	2,720 J	30	5,000
Selenium	4.4 R	4.4 UJ	4.4 R	3.5 R	3.5 UJ	3.0 UJ	8.5	5
Silver	1.5	0.9	0.9	1.1	1.3	0.6	10	10
Sodium	49,600 J	49,700	88,900	54,900	53,500	95,600		5,000
Thallium	6.3	6.3	6.3 UJ	4.1	4.1	5.1	40	10
Vanadium	1.1	8.0	9.8	10.9	4.8	1.6		50
Zinc	0.7	0.7	3.6	8.9	1.1	8.3	86	20
Inorganics - Metals and Cyanide	1.487	11000			19-15		A THE STREET	7-10-11
(Total)	Mary Jan	200						
Aluminum	55.3	55.3	55.3	97.2	118	19.7		
Antimony	3.9	4.6	3.9	4.0	4.0	2.7	1	
Arsenic	5.4	20.1	9.8 J	3.9	3.8	3.5		
Barium	53.3	42.3	39.9	49.5	54.6	49.4		
Beryllium	0.2	0.2	0.2	0.1	0.1	0.1		
Cadmium	0.3	0.3	0.3	0.1	0.1	0.1		
Calcium	98,000	10,900	90,100	89,800	86,600	105,000		
Chromium	3.0	1.9	1.5	5.1	0.8	3.8		
Cobalt	0.6	0.6	0.6	0.6	0.6	0.4		
Copper	1.2	1.2	1.2	0.7	0.7	0.8		
Cyanide	0.5	0.5	0.6	0.6	0.8	0.6	10	10
Iron	88.8	55.9	24.2	38.3 U	147	34.3		
Lead	2.4	2.4 UJ	2.4 UJ	1.4 UJ	1.4	1.7		
Mangesium Manganese	26,200 28.1	31,100 7.3	28,700 1.5	25,600 7.6 J	23,700 22.0	29,100		
						1.2		
Mercury	0.1	0.1	0.1	0.1	0.1	0.1		
Nickel	1.1	1.1	1.1	0.4 UJ	0.4	0.4		
Potassium	3,700	2,210	1,580	3,400	3,570	2,710 Ј		
Selenium	4.4 R	4.4 UJ	4.4 R	3.5 R	3.5	3.0 UJ		
Silver	1.2	0.9	0.9	1.1	1.5	0.6		
Sodium	51,100	50,300	85,600	52,800	53,000	96,800		
Thallium	6.3	6.3 UJ	6.3	4.1	4.1	8.4		
Vanadium Zinc	0.7	6.9 0.7	9.9 0.7	10.9 5.6	4.5	1.6 8.3		
Volatile Organic Compounds (VOCs)	BRL	BRL	BRL	BRL	BRL	BRL	Shirt in the	
Carbon Disulfide						0.62 J		10
Semi-Volatile Organic Compounds (SVOCs)	BRL	BRL	BRL	BRL	BRL	BRL		10
Pesticides / PCBs	BRL	BRL	BRL	BRL	BRL	BRL		

- otes:

 1) All results expressed in micrograms per liter (μg/L).
 2) Standard Inorganic Data Qualifiers have been used.
 3) Yellow shading indicate a detection above the Contract Required Quantitation Limit (CRQL)
 4) Bold red letters with a thick outline indicates a detection above the Trigger Level.
 5) BRL = Below Report Limit; reported data values have a data qualifier of U. J, or UJ
 6) = No Sample Available (Well Dry)
 7) U = Not detected at the listed reporting limit.
 8) B = An estimated value above the method detection limit (MDL) or the instrument detection limit (IDL) but below the CRQL.
 9) III = A value less than the CRQL but greater than the MDL.

- 9) UI = A value less than the CRQL but greater than the MDL.
 10) J = The analyte was positively identified; the associated numerical value is the approximate concentration of analyte in the sample.
 11) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.

- 12) CRQL = Contract Required Quantitation Limit
 13) Samples analyzed for <u>Dissolved</u> Inorganics were field filtered using a .45 micron, gravity flow filter.
 14) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.



Skinner Landfill West Chester, Ohio Groundwater Analysis Summary Table for Outfall Surface Water Run Off Location SWD-1

	Sampling Event (All Results Expressed in Units of $\mu g/l$)						
	Quarterly Results						
Compound	December-04	March-05	June-05	September-05	December-05	TRIGGER LEVEL	CRQL
Inorganics - Metals (Dissolved) ¹³	Location is Dry	Location is Dry	Location is Dry	Location is Dry	Location is Dry		
Antimony	_	- 7-77-575	7 1 5 <u>-</u>	_		60	60
Arsenic	_	_		_	_	10	10
Barium	_	-	_	_		1,000	200
Beryllium	_			_		5	5
Cadmium		_		_		5	5
Chromium	_	- EATING		_	_	11	10
Copper	_	-	_	_	_	25	25
Iron	_		_	_	_	5,000	100
Lead	_	_		_	_	4.2	3
Mercury	_	_		_	_	0.2	0.2
Nickel			_			96	40
Selenium			_	_	_	5	5
Silver					_	10	10
Thallium		<u></u>		<u>_</u>		40	10
Zinc			<u> </u>			86	20
Antimony	_			_	_		
Arsenic							
Barium			_		-		
Beryllium		_		_			
Cadmium							
Chromium				_	_		
Copper			_	_	_		
Cyanide	_	- 1	-	_	_	10	10
Iron	_	_	_	_	_		
Lead			_	_		1 1 1 1 1	
Mercury	_		-1	_	_		
Nickel	_		_	_	_		
Selenium	_	_	_	_	_		
Silver	_	_	_	_	_		
Thallium	_		_	_	_		
Zinc	_		_	_	_		
Volatile Organic Compounds (VOCs)	_	<u> </u>		_	_		
Semi-Volatile Organic Compounds (SVOCs)	_		-	-	_		
Pesticides / PCBs		-	N 14 10 2 2 1 1 1 1 1	_	-		

- Notes:

 1) All results expressed in micrograms per liter (µg/L).

 2) Standard Inorganic Data Qualifiers have been used.

 3) Yellow shading indicate a detection above the Contract Required Quantitation Limit (CRQL)

 4) Bold red letters with a thick outline indicates a detection above the Trigger Level.

 5) BRL = Below Report Limit; reported data values have a data qualifier of U. J, or UJ

 6) = No Sample Available (Location is Dry)

 7) U = Not detected at the listed reporting limit.

 8) B = An estimated value above the method detection limit (MDL) or the instrument detection limit (IDL) but below the CRQL.

 9) UJ = A value less than the CRQL but greater than the MDL.

 10) J = The analyte was positively identified; the associated numerical value is the approximate concentration of analyte in the sample.

 11) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.

 12) CRQL = Contract Required Quantitation Limit

 13) Samples analyzed for <u>Dissolved</u> Inorganics were field filtered using a .45 micron, gravity flow filter.

 - 13) Samples analyzed for <u>Dissolved</u> Inorganics were field filtered using a .45 micron, gravity flow filter.

 14) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.

Skinner Landfill West Chester, Ohio

Groundwater Analysis Summary Table for Outfall Surface Water Run Off Location SWD-2

	Sampling Event (All Results Expressed in Units of µg/l)						
	Quarterly Results						
Compound	December-04	March-05	June-05	September-05	September-05	TRIGGER LEVEL	CRQL
norganics - Metals (Dissolved) ¹³		Location is Dry	Location is Dry	Location is Dry	Location is Dry		
Aluminum	55.3	_		_		Service Control	200
Antimony	3.9			_	_	60	60
Arsenic	37.4	_	_	_		20	10
Barium	9.5	_	_	_		1,000	200
Beryllium	0.2	_	PERMIT	_	_	5	5
Cadmium	0.3	_		_		5	5
Calcium	202,000 J		_				5,000
Chromium	2.8			-	1-11/20/20	- 11	10
Cobalt	0.6	_	_	_	_		50
Copper	1.2	_		_	_	25	25
ron	14.3		_	_	_	7,000	100
ead	2.4			_	- 3	4.2	3
Magnesium	66,900			_			5,000
Manganese	0.6						15
Mercury	0.1 UJ	_		_	-227	0.2	0.2
Nickel	3.5	_77.55		_	_	96	40
Potassium	3,970			_	_	THE REPORT OF THE PARTY OF THE	5,000
Selenium	4.4	_	_	_	_	8.5	5
Silver	0.9	_			_	10	10
Sodium	6,580					10	5,000
Challium	6.3					40	10
Vanadium	7.6					40	50
Zinc	0.7	$-\overline{z}$		===		86	20
Total) Aluminum	55.3	_					
Antimony	3.9	-			<u>-</u>		
Arsenic	38.7		-				
Barium	9.9		_	_			
Beryllium	0.2	_	-				
Cadmium	0.3	-	_	_	_		
Calcium	209,000 J		_	Maria -			1
Chromium	2.8	_	-	-			
Cobalt	0.6	-	-				
Copper	1.2		-	_	_		
Cyanide	0.6					10	10
ron	31.3	_		_			
Lead	2.4		_				
Magnesium	67,900		_				
Manganese	2.8	_	-		_		
Mercury	0.1 UJ		_	-	- 15193		
Nickel	1.1						
Potassium	4,010		-	_			
Selenium	4.4	_	-	_	_		
Silver	0.9	-		_			
Sodium	5,360			_			
Phallium	6.3			-	- 103		
Vanadium	6.7			_			
Zinc	0.7	_		_			Mar and the
Volatile Organic Compounds (VOCs)	BRL	_	_	_	_		
SVOCs)	BRL	_	_	-			

Pesticides / PCBs

- All results expressed in micrograms per liter (μg/L).
 Standard Inorganic Data Qualifiers have been used.
- 3) Yellow shading indicate a detection above the Contract Required Quantitation Limit (CRQL)

BRL

- 4) Bold red letters with a thick outline indicates a detection above the Trigger Level.
- 5) BRL = Below Report Limit; reported data values have a data qualifier of U. J, or UJ
 6) = No Sample Available (Location is Dry)
- 7) U = Not detected at the listed reporting limit.

- 8) B = An estimated value above the method detection limit (MDL) or the instrument detection limit (IDL) but below the CRQL.
 9) UJ = A value less than the CRQL but greater than the MDL.
 10) J = The analyte was positively identified; the associated numerical value is the approximate concentration of analyte in the sample.
- 11) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.

- 12) CRQL = Contract Required Quantitation Limit
 13) Samples analyzed for <u>Dissolved</u> Inorganics were field filtered using a .45 micron, gravity flow filter.
 14) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.



Skinner Landfill West Chester, Ohio

Groundwater Analysis Summary Table for Outfall Surface Water Run Off Location SWD-3

Sampling Event (All Results Expressed in Units of µg/l)

						-	
			Quarterly Resi	ılts			
Compound	December-04	March-05	June-05	September-05	December-05	TRIGGER LEVEL	CRQL
norganics - Metals (Dissolved) ¹³			Location is Dry	Location is Dry			
Numinum	55.3 U	65.5		_	12.5		200
Antimony	3.9	25.0	_	_	2.7	60	60
Arsenic	30.2	5.4		_	3.5	20	10
Barium	31.1	24.4		_	14.8 J	1,000	200
Beryllium	0.2	0.2		_	0.1	5	5
Cadmium	0.3	0.3		_	0.1	5	5
Calcium	131,000 J	93,300			57,300		5,000
						- 11	
Chromium	2.2	1.7	-	-	1.7	11	10
Cobalt	0.9	0.6	_		0.4		50
Copper	2.8	1.2			1.8	25	25
ron	17.8	17.3	<u> </u>	_	2.9	7,000	100
ead	2.4	2.4 UJ		_	1.7	4.2	3
Magnesium	26,100	21,400		<u> </u>	10,900		5,000
Manganese	4.3	20.5	_		0.5	MERCEN SERVE	15
Mercury	0.1 UJ	0.1			0.1	0.2	0.2
Nickel	2.1	1.1		_	0.4	96	40
						90	
Potassium	3,390	3,660	_		3,570		5,000
Selenium	4.4	4.4 UJ		_	3.0	8.5	5
Silver	0.9	0.9		_	0.6	10	10
Sodium	10,300	8,870		_	2,730		5,000
Thallium Thallium	6.3	6.3	_	_	1.4	40	10
/anadium	4.0	10.0		_	1.6	VENTER DE LE CO	50
line	27.0	0.7		_	5.6	86	20
Muminum	55.3	560		_	439		
Antimony	3.9	3.9		_	2.7		
Arsenic	25.5	5.4		_	3.5	100	
Barium	32.8	29.5		_	16.8 J		
Beryllium	0.2	0.2	THE THE STATE OF	_	0.1		
Cadmium	0.3	0.3		_	0.1	STATE OF THE STATE	
Calcium	135,000 J	104,000		_	56,000		513
Chromium	1.5	1.5			2.5		
			_	_			
Cobalt	0.6	0.6			0.4		
Copper	7.8	1.2	_		2.0	- 10	- 10
Cyanide	0.5	0.8		_	0.6	10	10
ron	67.8	814		_	757 J		
ead	2.4	2.4 UJ		_	1.7		
Magnesium	27,400	23,900		_	10,400		
Manganese	3.2	42.6			22.6		
Mercury	0.1 UJ	0.1			0.1		
Nickel	1.1	1.1	_	_	0.4		
Potassium	3,450	4,020	_	_	3,670		
Selenium	4.4	4.4	_	_	3.0		
Silver	0.9	0.9	_	_	0.6		The same
Sodium	10,400	9,320			2,410		
Challium	6.3	6.3		_	1.4		
anadium		10.4					
inc	4.7 7.3	0.7	=	= =	1.6 13.4		
Volatile Organic Compounds (VOCs)	BRL	BRL	_	_	BRL	12341	
Semi-Volatile Organic Compounds	BRL	BRL	_	_	BRL		
SVOCs)							Maria de la compansión de
Acenaphthene		0.911 J			10.0 U	520	10
Fluorene		0.503 J			10.0 U	MALE AND THE	10
Phenanthrene		1.02 J			10.0 U	10	10
-nenanun ene		1.02 3			10.0 0	10	10

Notes:

- otes:

 1) All results expressed in micrograms per liter (µg/L).

 2) Standard Inorganic Data Qualifiers have been used.

 3) Yellow shading indicate a detection above the Contract Required Quantitation Limit (CRQL)

 4) Bold red letters with a thick outline indicates a detection above the Trigger Level.

- 4) Both red reters with a tinck outline indicates a detection above the Trigger Level.
 5) BRL = Below Report Limit; reported data values have a data qualifier of U. J, or UJ
 6) = No Sample Available (Location is Dry)
 7) U = Not detected at the listed reporting limit.
 8) B = An estimated value above the method detection limit (MDL) or the instrument detection limit (IDL) but below the CRQL.

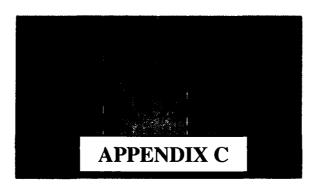
- 9) U = A value less than the CRQL but greater than the MDL.
 10) J = The analyte was positively identified; the associated numerical value is the approximate concentration of analyte in the sample.
 11) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.

- 12) CRQL = Contract Required Quantitation Limit

 13) Samples analyzed for <u>Dissolved</u> Inorganics were field filtered using a .45 micron, gravity flow filter.

 14) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.





LABORATORY DATA VALIDATION REPORT



DATA VALIDATION REPORT

FOR

SKINNER LANDFILL SITE

EARTH TECH: PROJECT NUMBER 54280

LABORATORY REPORT NUMBER 205120839

PROJECT MANAGER: Ron Rolker

Date: February 27, 2006

Data Validator: Mark Kromis

LIST OF ACRONYMS

BFB Bromofluorobenzene CC Continuing Calibration

CCV Continuing Calibration Verification
CCB Continuing Calibration Blanks
CLP Contract Laboratory Program
CRDL Contract Required Detection Limit
DFTPP Decafluorotriphenylphosphine

GC/MS Gas Chromatograph/Mass Spectrometer

IC Initial Calibration

ICB Initial Calibration Blank
IDL Instrument Detection Limit
ICP Inductively Coupled Plasma
ICS Interference Check Sample
ICV Initial Calibration Verification

ILM Inorganic Analysis Multi-Media Multi-Concentration

INDAM Individual A Mixture INDBM Individual B Mixture mg/L milligrams per liter

MS/MSD Matrix Spike/Matrix Spike Duplicate
OLC Organic Analysis Low Concentration

OLM Organic Analysis Multi-Media Multi-Concentration

%D Percent Difference

% RSD Percent Relative Standard Deviation

PB Preparation Blanks
QC Quality Control
RF Response Factor

RPD Relative Percent Difference
RRF Relative Response Factor
SDG Sample Delivery Group
SOW Statement of Work

µg/L micrograms per liter

US EPA United States Environmental Protection Agency

VOC Volatile Organic Compounds VTSR Validated Time of Sample Receipt

DATA VALIDATION SUMMARY – SAMPLE DELIVERY GROUP 205120839 INORGANICS

Validation of the inorganics data, as prepared by Gulf Coast Analytical Laboratories (GCAL) for the samples collected from the Skinner Landfill site in December 2005, was conducted by Earth Tech using the National Functional Guidelines for Inorganic Data Review, (US EPA, February, 1994), as appropriate. The results were reported by GCAL under Sample Delivery Group (SDG) 205120839.

GCAL#	Sample Description
20512083901	SK-GW06R-1016
20512083902	SK-GW07R-1016
20512083903	SK-GW63-1016
20512083904	SK-GW64-1016
20512083907	SK-GW06R-1016 (DISS)
20512083908	SK-GW63-1016 (DISS)
20512083909	SK-GW64-1016 (DISS)
20512083910	SK-GW59-1016
20512083911	SK-GW62A-1016
20512083912	SK-GW58-1016
20512083913	SK-GW58FD-1016
20512083914	SK-GW63MS-1016
20512083916	SK-GW63DUP-1016
20512083917	SK-GW60-1016
20512083918	SK-GWEB-1016
20512083920	SK-GW59-1016 (DISS)
20512083921	SK-GW62A-1016 (DISS)
20512083922	SK-GW58-1016 (DISS)
20512083923	SK-GW58FD-1016 (DISS)
20512083924	SK-GW63MS-1016 (DISS)
20512083925	SK-GW63DUP-1016 (DISS)
20512083926	SK-GWEB-1016 (DISS)

INTRODUCTION

Analysis Multi-media Multi-concentration ILM04.1 Statement of Work (SOW). Results of the sample analyses are reported by the laboratory as either qualified or unqualified. Unqualified results mean that the reported values maybe used without reservation. The laboratory to denote specific information regarding the analytical results uses various qualifier codes. The data validation process is intended to evaluate the data on a technical basis. The data package also was subjected to an internal laboratory quality review prior to submission to Earth Tech for data validation.

During the validation process, laboratory-qualified and unqualified data are verified against all available supporting documentation. Based on this evaluation, qualifier codes may be added, deleted or modified by the data user. Final results are therefore, either qualified or unqualified. Validator-qualified results are annotated with the following codes in accordance with the Functional Guidelines:

- U The constituent was analyzed for, but was not detected above the level of the associated analytical reporting limit. The associated value is either the sample quantitation limit or the sample detection limit.
- J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
- R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

Details of the inorganics data validation findings and conclusions are provided in the following sections of this report:

- 1. Holding Times
- 2. Calibration
 - A. Initial Calibration (IC)
 - B. Continuing Calibration (CC)
- 3. Blanks
- 4. Inductively Coupled Plasma (ICP) Interference Check Sample
- 5. Laboratory Control Sample (LCS)
- 6. Duplicate Analysis
- 7. Spike Sample Analysis
- 8. ICP Serial Dilution
- 9. System Performance

- 10. Documentation
- 11. Overall Assessment

1. HOLDING TIMES

All samples for inorganics analyses were analyzed within the 180-day holding time for preserved aqueous samples. Mercury analyses were conducted within the 28-day holding time for aqueous samples undergoing CLP protocol. Cyanide analyses were conducted within the 14-day holding time. The cooler temperature upon receipt at the laboratory was within the recommended temperature of 4°C +/- 2°C .

2. CALIBRATION

A. Initial Calibration

The percent recoveries for the Initial Calibration Verification (ICV) standard were within Quality Control (QC) limits for all constituents.

B. Continuing Calibration

The percent recoveries for the Continuing Calibration Verification (CCV) standard were within QC limits for all constituents.

3. BLANKS

The Initial Calibration Blank (ICB), Continuing Calibration Blanks (CCB) and Preparation Blanks (PB) were analyzed at the appropriate frequencies. No constituents were detected in the ICB, CCB, and PB blanks above the corresponding Contract Required Detection Limit (CRDL) with the exception of Selenium in the CCB2 and CCB 6 and Nickel in the CCB's 5, 6, and 7 analyzed on 12/28/05. No constituents were detected in the ICB, CCB, and PB blanks above the corresponding Contract Required Detection Limit (CRDL) with the exception of Selenium in the ICB analyzed on 1/3/06.

As per the National Functional Guidelines; sample results greater than the IDL but less than 5 times the amount found in any blank should be qualified as (U). Technically the samples should have been re-digested and re-analyzed for Selenium and Nickel. The sample concentration is not to be corrected for the blank value.

4. ICP INTERFERENCE CHECK SAMPLE

Results for the ICP analysis of the Interference Check Sample (ICS) solution AB were within 20% of the true value.

5. LABORATORY CONTROL SAMPLES

Recoveries were within the control limit (80-120%) for all constituents.

6. **DUPLICATE ANALYSIS**

The laboratory used sample SK-GW63-1016 (total and dissolved fractions) for the duplicate sample. The Relative Percent Difference (RPD) between the sample and duplicate results for the total and dissolved fractions were within the acceptance criteria (<20%) for all target analytes.

7. SPIKE SAMPLE ANALYSIS

The laboratory used sample SK-GW63-1016 (total and dissolved) for the matrix spike sample. The MS percent recoveries were within the acceptance criteria (75%-125%) with the exception of Antimony (65%), Mercury (57%), and Selenium (140%) in the total fraction and Mercury (72%) in the dissolved fraction.

As per the National Functional Guidelines: If the recovery falls between 30% and 74% the sample results greater than the IDL are qualified with "J" while the results less than the IDL are qualified with "UJ". If the recovery is greater than 125% then qualify the results greater than the IDL with "J".

8. ICP SERIAL DILUTION

As noted in the National Functional Guidelines: If the analyte concentration is at least 50 times above the IDL, its serial dilution analysis must then agree within 10% of the original determination after corrected for dilution. The serial dilution is performed to determine whether any significant chemical or physical interference's exist due to matrix effects. The serial dilution percent differences were within the acceptance criteria for all target analytes with the exception of Copper, Nickel, and Zinc associated with the total fraction and Iron associated with the dissolved fraction. As per the National Functional Guidelines, if the serial dilution criterion is not met then qualify the results for that analyte in all associated samples of the same matrix and concentration as estimated "J".

9. SYSTEM PERFORMANCE

The analytical system appears to have been working well at the time of these analyses, based on the evaluation of the raw data.

10. DOCUMENTATION

by mark

GCAL qualified the total results for Arsenic with and "E". GCAL qualified the Dissolved results for Chromium and Zinc with and "E". The original concentration for Arsenic, Chromium and Zinc did not meet the criteria of greater than fifty times the IDL and therefore the results should not have been qualified with an "E" qualifier. The data validator made the correction manually.

11. OVERALL ASSESSMENT

The percent recoveries for Selenium in the Contract Required Detection Limit (CRDL) standards analyzed on 10/5/05 were 128%, 125%, and 147%. Selenium was previously qualified under Section 7 titled "Spike Sample Analysis".

Low concentrations of Mercury (0.1 - 0.2 ppb) were detected in the continuing calibration blanks. Although the Mercury concentration in the blanks was less than the CRDL the amount detected in several of the samples was at the same concentration as what was detected in the associated continuing calibration blanks. Therefore it is theoretically possible that the samples with a Mercury concentration of less than or equal to 0.2 ppb did not contain Mercury.

The results are acceptable with the validator-added qualifiers.

DATA VALIDATION SUMMARY – SAMPLE DELIVERY GROUP 205120839 SEMIVOLATILE ORGANICS

Validation of the Gas Chromatograph/Mass Spectrometer (GC/MS) semi-volatile organics data, as prepared by Gulf Coast Analytical Laboratories (GCAL) for the samples collected from the Skinner Landfill site in December 2005, was conducted by Earth Tech using the National Functional Guidelines for Organic Data Review, (US EPA, October, 1999) as appropriate. The results were reported by GCAL under SDG 205120839.

GCAL#	Sample Description
20512083901	SK-GW06R-1016
20512083902	SK-GW07R-1016
20512083903	SK-GW63-1016
20512083904	SK-GW64-1016
20512083910	SK-GW59-1016
20512083911	SK-GW62A-1016
20512083912	SK-GW58-1016
20512083913	SK-GW58FD-1016
20512083914	SK-GW63MS-1016
20512083915	SK-GW63MSD-1016
20512083917	SK-GW60-1016
20512083918	SK-GWEB-1016

INTRODUCTION

Analyses were performed according to CLP-Organic Analysis Multi-Media, Multi-Concentration OLM04.2 SOW. Results of the sample analyses are reported by the laboratory as either qualified or unqualified. Unqualified results mean that the reported values may be used without reservation. The laboratory to denote specific information regarding the analytical results uses various data qualifier codes. The data validation process is intended to evaluate the data on a technical basis. The data package also was subjected to an internal laboratory quality review prior to submission to Earth Tech for data validation.

During the validation process, laboratory-qualified and unqualified data are verified against all available supporting documentation. Based on this evaluation, qualifier codes may be added, deleted or modified by the data user. Final results are therefore, either qualified or unqualified. Validator-qualified results are annotated with the following codes in accordance with the Functional Guidelines:

- U The constituent was analyzed for, but was not detected above the level of the associated analytical reporting limit. The associated value is either the sample quantitation limit or the sample detection limit.
- J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

- UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
- R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

Details of the semivolatile data validation findings and conclusions are provided in the following sections of this report:

- 1. Holding Times
- 2. GC/MS Tuning
- 3. Calibration
 - A. IC
 - B. CC
- 4. Blanks
- 5. System Monitoring Compound Recovery
- 6. MS/MSD
- 7. Internal Standards Performance
- 8. Compound Identification
- 9. Constituent Quantitation and Reported Detection Limits
- 10. System Performance
- 11. Documentation
- 12. Overall Assessment

1. HOLDING TIMES

The cooler temperature upon receipt at the laboratory was within the recommended temperature of 4°C +/- 2°C. All samples were initially extracted within the seven-day technical holding time and the five-day Validated Time of Sample Receipt (VTSR) method holding time.

2. GC/MS TUNING

The samples were analyzed on a single GC/MS system, identified as MSSV3. Two decafluorotriphenylphosphine (DFTPP) tunes were run representing the shift in which the standards and samples were analyzed. The DFTPP tunes are acceptable.

3. CALIBRATION

A. Initial Calibration

Two IC's dated 1/3/06 and 1/7/06 were analyzed in support of the semivolatile sample analyses. Documentation of the IC was present in the data package, and the Relative Response Factor (RRF), as well as percent % RSD values were accurately reported for all target compounds. The criteria employed for technical data review purposes are different than those used in the method. The laboratory must meet a minimum RRF of 0.01; however, for data review purposes, a RRF criterion of "greater than or equal to 0.05" is applied to all semi-volatile compounds. The RRF's and the average RRF for the IC's were within the acceptance criteria specified in the method for all target compounds.

B. Continuing Calibration

Two CC's dated 1/3/06 and 1/7/06 were analyzed in support of the semivolatile sample analyses reported in the data submissions. The percent difference (%D) between the average RRF's and the CC Response Factors for the CC's were within the acceptance criteria.

4. BLANKS

One laboratory semivolatile method blank and Equipment blank were analyzed with this SDG. The results are summarized below.

Method Blank (MB313819)

Bis-(2-ethylhexyl) phthalate (1.14 ppb) was detected in the blank extracted on 12/12/05.

Equipment Blank (SK-GWEB-1016)

Bis-(2-ethylhexyl) phthalate (453 ppb) was detected in the Equipment Blank collected on 12/8/05.

5. SYSTEM MONITORING COMPOUND RECOVERY

All reported semivolatile system monitoring compounds (SMC) were recovered within acceptable control limits except for Terphenyl-d14 associated with sample SK-GW63-1016 (29%) and SK-GW58-1016 (32%). No action is taken when only one surrogate is outside the acceptance criteria.

6. MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD)

Sample SK-GW63-1016 was submitted for MS/MSD analysis. The MS/MSD percent recoveries were within the acceptance criteria.

7. INTERNAL STANDARDS PERFORMANCE

Internal standard (IS) areas were within acceptable limits for the reported semivolatile sample analyses.

8. COMPOUND IDENTIFICATION

All reported semivolatile constituents were correctly identified with supporting chromatograms present in the data package.

9. CONSTITUENT QUANTITATION AND REPORTED DETECTION LIMITS

Constituent quantitations were correctly calculated and reported for semivolatile constituents.

10. SYSTEM PERFORMANCE

The analytical system appears to have been working well at the time of these analyses, based on the evaluation of the raw data submitted for review.

11. DOCUMENTATION

what

There was no extraction date or preparation method was listed on Form I SV-TIC. The data validator manually made the correction.

12. OVERALL ASSESSMENT

The results are acceptable with the validator-added qualifiers.

DATA VALIDATION SUMMARY – SAMPLE DELIVERY GROUP 205120839 VOLATILE ORGANIC

Validation of the GC/MS volatile organics data, as prepared by Gulf Coast Analytical Laboratories (GCAL) for the samples collected from the Skinner Landfill site in December 2005, was conducted by Earth Tech using the National Functional Guidelines for Organic Data Review, (US EPA, October, 1999), as appropriate. The results were reported by GCAL under SDG 205120839.

GCAL#	Sample Description
20512083901	SK-GW06R-1016
20512083902	SK-GW07R-1016
20512083903	SK-GW63-1016
20512083904	SK-GW64-1016
20512083905	SK-GWTB-1016
20512083910	SK-GW59-1016
20512083911	SK-GW62A-1016
20512083912	SK-GW58-1016
20512083913	SK-GW58FD-1016
20512083914	SK-GW63MS-1016
20512083915	SK-GW63MSD-1016
20512083917	SK-GW60-1016
20512083918	SK-GWEB-1016
20512083919	SK-GWTB-1016

INTRODUCTION

Analyses were performed according to CLP-Organic Analysis Low Concentration OLC02.0 SOW. Results of the sample analyses are reported by the laboratory as either qualified or unqualified. Unqualified results mean that the reported values may be used without reservation. The laboratory to denote specific information regarding the analytical results uses various qualifier codes. The data validation process is intended to evaluate the data on a technical basis. The data package also was subjected to an internal laboratory quality review prior to submission to Earth Tech for data validation.

During the validation process, laboratory-qualified and unqualified data are verified against all available supporting documentation. Based on this evaluation, qualifier codes may be added, deleted or modified by the data user. Final results are therefore, either qualified or unqualified. Validator-qualified results are annotated with the following codes in accordance with the Functional Guidelines:

U The constituent was analyzed for, but was not detected above the level of the associated analytical reporting limit. The associated value is either the sample quantitation limit or the sample detection limit.

- J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
- R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

The volatiles data validation findings and conclusions are provided in the following sections of this report:

- 1. Holding Times
- 2. GC/MS Tuning
- 3. Calibration
 - A. IC
 - B. CC
- 4. Blanks
- 5. System Monitoring Compound Recovery
- 6. MS/MSD
- 7. Laboratory Control Sample
- 8. Internal Standards Performance
- 9. Compound Identification
- 10. Constituent Quantitation and Reported Detection Limits
- 11. System Performance
- 12. Documentation
- 13. Overall Assessment

1. HOLDING TIMES

All samples for Volatile Organic Compounds (VOC) analyses were analyzed within the 14-day technical holding time and the 10-day VTSR method holding time. The cooler temperature upon receipt at the laboratory was within the recommended temperature of 4°C +/- 2°C.

2. GC/MS TUNING

The samples were analyzed on one GC/MS system, identified as MSV4. One bromofluorobenzene (BFB) tune was run on MSV4. The BFB tune is acceptable.

3. CALIBRATION

A. Initial Calibration

One IC dated 12/13/05 was analyzed on instrument MSV4 in support of the volatile sample analyses reported in the data submissions. Documentation of the IC standards is present in the data package, and RRF's as well as %RSD values were accurately reported. The criteria employed for technical data review purposes are different than those used in the method. The laboratory must meet a minimum RRF of 0.01; however, for data review purposes, a RRF criterion of "greater than or equal to 0.05" is applied to all volatile compounds.

The RRF's and the average RRF for the IC were within the acceptance criteria specified in the method for all target compounds with the exception of Acetone and 2-Butanone. As per the National Functional Guidelines, if any initial calibration RRF is less than 0.05, qualify positive results that have acceptable mass spectral identification with "J", using professional judgment, and non-detected analytes as unusable (R). It should be noted that the laboratory did meet the minimum RRF of 0.01 for all target compounds.

The %RSD's were within the acceptance criteria specified in the method for all target analytes.

B. Continuing Calibration

One CC dated 12/13/05 was analyzed on instrument MSV4 in support of the volatile sample analyses reported in the data submissions. The percent difference (%D) between the average RRF's and the CC RF's were within the acceptance criteria for all target compounds. The CC RRF's for the CC were within the acceptance criteria specified in the method for all target compounds with the exception of Acetone and 2-Butanone. The Acetone and 2-Butanone results were previously qualified under section 3A above.

4. BLANKS

One laboratory volatile method blank, storage blank, Equipment Blank, and two Trip Blanks were analyzed with this SDG. The results are summarized below.

MB314406

There were no target compounds detected in the method blank analyzed on 12/13/05 (1159).

Storage Blank (VHBLK)

1,2-Dichlorobenzene (0.68 ppb), Chlorobenzene (0.34 ppb), and Toluene (0.13 ppb) were detected in the Storage Blank analyzed on 12/13/05.

Equipment Blank

Carbon disulfide (8.4 ppb) and Methylene chloride (0.24 ppb) were detected in the Equipment Blank.

Trip Blank

1,2-Dichlorobenzene (0.46 ppb) was detected in the Trip Blank associated with the samples that were collected on 12/6-7/05. The 1,2-Dichlorobenzene detected in the Trip Blank was mitigated by the presence of 1,2-Dichlorobenzene in the Storage Blank.

Trip Blank

1,2-Dichlorobenzene (0.32 ppb) and Methylene chloride (0.46 ppb) were detected in the Trip Blank associated with the samples that were collected on 12/8/05. The 1,2-Dichlorobenzene detected in the Trip Blank was mitigated by the presence of 1,2-Dichlorobenzene in the Storage Blank.

5. SYSTEM MONITORING COMPOUND RECOVERY

All reported volatile system monitoring compounds were recovered within acceptable control limits (80%-120%) for all samples.

6. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Sample SKGW63-1016 was submitted for the MS/MSD analysis. The MS/MSD percent recoveries were within the acceptance criteria.

7. LABORATORY CONTROL SAMPLE

One Laboratory Control Sample was analyzed in conjunction with this SDG. Recoveries were within the control limit for all constituents.

8. INTERNAL STANDARDS PERFORMANCE

Internal Standard (IS) areas and retention times were within acceptable limits for the reported volatile sample analyses.

9. COMPOUND IDENTIFICATION

All reported VOCs were correctly identified with supporting chromatograms present in the data package.

10. CONSTITUENT QUANTITATION AND REPORTED DETECTION LIMITS

Constituent quantitations were correctly calculated and reported for VOCs.

11. SYSTEM PERFORMANCE

The analytical system appears to have been working well at the time of these analyses, based on the evaluation of the raw data.

12. **DOCUMENTATION**

The documentation submitted for review appeared accurate and in order.

13. OVERALL ASSESSMENT

The results are acceptable with the validator-added qualifiers.

DATA VALIDATION SUMMARY - SAMPLE DELIVERY GROUP 205120839 PESTICIDES

Validation of the Gas Chromatography (GC) pesticides data, as prepared by Gulf Coast Analytical Laboratories (GCAL) for the samples collected from the Skinner Landfill site in December 2005, was conducted by Earth Tech using the National Functional Guidelines for Organic Data Review, (US EPA, October, 1999), as appropriate. The results were reported by GCAL under SDG 205120839.

GCAL#	Sample Description
20512083901	SK-GW06R-1016
20512083902	SK-GW07R-1016
20512083903	SK-GW63-1016
20512083904	SK-GW64-1016
20512083910	SK-GW59-1016
20512083911	SK-GW62A-1016
20512083912	SK-GW58-1016
20512083913	SK-GW58FD-1016
20512083914	SK-GW63MS-1016
20512083915	SK-GW63MSD-1016
20512083917	SK-GW60-1016
20512083918	SK-GWEB-1016

INTRODUCTION

Analyses were performed according to CLP-Organic Analysis Multi-Media, Multi-Concentration OLM04.2 SOW. Results of the sample analyses are reported by the laboratory as either qualified or unqualified. Unqualified results mean that the reported values may be used without reservation. Various qualifier codes are used by the laboratory to denote specific information regarding the analytical results.

The data validation process is intended to evaluate the data on a technical basis. The data package also was subjected to an internal laboratory quality review prior to submission to Earth Tech for data validation.

During the validation process, laboratory-qualified and unqualified data are verified against all available supporting documentation. Based on this evaluation, qualifier codes may be added, deleted or modified by the data user. Final results are therefore, either qualified or unqualified. Validator-qualified results are annotated with the following codes in accordance with the Functional Guidelines:

U The constituent was analyzed for, but was not detected above the level of the associated analytical reporting limit. The associated value is either the sample quantitation limit or the sample detection limit.

- J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
- R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

Details of the pesticide data validation findings and conclusions are provided in the following sections of this report:

- 1. Holding Times
- 2. Gas Chromatograph/Electronic Capture Detector (GC/ECD) Instrument Performance Check
- 3. IC
- 4. Calibration Verification
- 5. Blanks
- 6. Surrogate Spikes
- 7. Matrix Spike/Matrix Spike Duplicate (MS/MSD)
- 8. Pesticide Cleanup Checks
- 9. Target Compound Identification
- 10. Constituent Quantitation and Reported Detection Limits
- 11. Documentation
- 12. Overall Assessment

1. HOLDING TIMES

All samples were extracted within the seven-day technical holding time and the five-day VTSR method holding time. The cooler temperature upon receipt at the laboratory was within the recommended temperature of $4^{\circ}C$ +/- $2^{\circ}C$.

2. GC/ECD INSTRUMENT PERFORMANCE CHECK

The Performance Evaluation Mixture (PEM) was analyzed at the correct frequency. Absolute retention times were within limits.

The percent resolution between adjacent peaks was within QC limits for the Pesticide Analyte Resolution Check. The percent resolution between adjacent peaks is within QC limits for the Performance Evaluation Mixtures (PEM).

The percent breakdown for both 4,4'-DDT and Endrin in each PEM was less than 20.0% for both GC columns. The combined percent breakdown for 4,4'-DDT and Endrin in each PEM was less than 30.0% for both GC columns.

3. INITIAL CALIBRATION

Individual standard mixtures A and B were analyzed at the correct frequencies and concentrations. The percent resolution criterion for Individual standard mixtures A and B were within the acceptance criteria.

The Percent Relative Standard Deviation (%RSD) of the calibration factors for each of the single component pesticides was less than 20%. The multi-component target compounds were analyzed separately on both columns at a single concentration level. Retention times were determined from a minimum of three peaks.

4. CALIBRATION VERIFICATION

Absolute retention times were within appropriate time retention windows. The percent difference for each of the pesticides and surrogates in the PEM's were within the acceptance criteria of ±25.0 percent for the calibration verifications.

The percent difference for each of the pesticides and surrogates in the midpoint concentration of the Individual Standard Mixtures A and B was within the acceptance criteria of ± 25.0 percent.

5. BLANKS

One laboratory method blank and Equipment Blank were analyzed with this SDG. The results are summarized below.

Method Blank 313820

No constituents were detected above the laboratory-reporting limit. This blank corresponds to all samples extracted on 12/12/05.

Equipment Blank (SK-GWEB-1016)

No constituents were detected above the laboratory-reporting limit in the Equipment Blank.

6. SURROGATE SPIKES

Decachlorobiphenyl (DCB) and tetrachloro-m-xylene (TCX) surrogate spike recoveries were within the acceptance criteria (30% - 150%) for all samples with the exception of TCX associated with sample SK-GW59-1016 (29%), SK-GW62A-1016 (22%), and SK-GWEB-1016 (19%). As per the National Functional Guidelines, if low recoveries (i.e., between 10 and 30 percent) for either surrogate spike are obtained, associated detected compounds should be qualified "J" and non-detected compounds with "UJ".

7. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Sample SK-GW63-1016 was submitted for MS/MSD analysis. The MS/MSD percent recoveries were within the acceptance criteria with the exception of Lindane (47%/45%). The relative percent difference between the MS/MSD results were within the acceptance criteria. As per the National Functional Guidelines, no action is taken on MS/MSD data alone.

8. PESTICIDE CLEANUP CHECKS

Recoveries of all pesticides and surrogates were within 80-120% for the lot of Florisil cartridges utilized for pesticide cleanup.

9. TARGET COMPOUND IDENTIFICATION

All reported pesticide data were correctly identified with supporting chromatograms present in the data package.

10. CONSTITUENT QUANTITATION AND REPORTED DETECTION LIMITS

Constituent quantitations were correctly calculated and reported for pesticide constituents.

11. DOCUMENTATION

The documentation submitted for review appeared accurate and in order.

12. OVERALL ASSESSMENT

The results are acceptable with the validator-added qualifiers.

REFERENCES

US EPA, 1994. National Functional Guidelines for Inorganic Data Review.

US EPA, 1999. National Functional Guidelines for Organic Data Review.



ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

Report Date 01/31/2006

GCAL Report 205120839

Deliver To Earth Tech 2373 Progress St Hebron, KY 41048 859-442-2300

Attn Pat Higgins

Customer Earth Tech

Project Skinner Landfill

000001

CASE NARRATIVE

Client: Earth Tech Report: 205120839

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the sample cross-reference page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

METALS

In the ILM04.1 - CLP Metals analysis for prep batch 310157, the MS recoveries were outside the control limits for Antimony and Selenium. The LCS recovery was within control limits. This indicates the analysis is in control and the sample is affected by matrix interference. A post-digestion spike was performed on the QC sample for this batch with recoveries of 100% for Antimony and 87% for Selenium. The MS recovery is not applicable for Aluminum, Iron and Manganese because the sample concentration is greater than four times the spike concentration. The Sample/Duplicate RPD for Aluminum is not applicable because the sample and/or duplicate concentration is less than five times the reporting limit.

Dissolved Chromium, Dissolved Iron, Dissolved Zinc, Total Arsenic, Copper, Nickel and Zinc are flagged as estimated for samples due to the fact that the percent difference between the original sample result and the serial dilution result is greater than 10. A chemical or physical interference is suspected.

In the ILM04.1 CLP HG analysis for prep batch 310154, the MS recoveries were outside the control limits for Mercury. This indicates the sample is affected by matrix interference.

In the ILM04.1 CLP HG analysis the Sample/Duplicate RPD for Mercury for prep batch 310155 is not applicable because the sample and/or duplicate concentration is less than five times the reporting limit. The MS recovery was outside the control limits for Mercury. This indicates the sample is affected by matrix interference.

In the ILM04.1 - CLP Metals analysis for analytical batch 310810, Selenium was detected in the method blank for CCB.

The concentration was insignificant compared to the concentration detected in the sample(s).

SEMI-VOLATILES MASS SPECTROMETRY

In the OLM04.2 - CLP Semi-Volatiles analysis, sample 20512083918 (SK-GWEB-1016) had to be diluted due to compounds that were detected above the linear range of the calibration.

In the OLM04.2 - CLP Semi-Volatiles analysis, samples 20512083903 (SK-GW63-1016)

and 20512083912 (SK-GW58-1016) had one surrogate recovery outside control limits in the base-neutral fraction. All other surrogate recoveries were acceptable for this sample.

SEMI-VOLATILES GAS CHROMATOGRAPHY

In the OLM04.2 – CLP Pesticide/PCB analysis for samples 20512083910 (SK-GW59-1016), 20512083911 (SK-GW62A-1016) and 20512083918 (SK-GWEB-1016), the surrogate recovery for Tetrachloro-m-xylene was outside the suggested recovery limits for CLP. Gamma-BHC was low in both the MS and MSD for prep batch 309220. This can be attributed to sample matrix.

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

Common Abbreviations Utilized in this Report

ND	Indicates the result was Not Detected at the specified RDL
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DO Indicates the result was Diluted Out

MI Indicates the result was subject to Matrix Interference
TNTC Indicates the result was Too Numerous To Count

SUBC Indicates the analysis was Sub-Contracted

FLD Indicates the analysis was performed in the Field

PQL Practical Quantitation Limit
MDL Method Detection Limit
RDL Reporting Detection Limit

00:00 Reported as a time equivalent to 12:00 AM

Reporting Flags Utilized in this Report

- J Indicates an estimated value
- U Indicates the compound was analyzed for but not detected
- B (ORGANICS) Indicates the analyte was detected in the associated Method Blank
- B (INORGANICS) Indicates the result is between the RDL and MDL

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with ISO Guide 25 and NELAC, this report shall be reproduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

CURTIS EKKER

DATA VALIDATION MANAGER GCAL REPORT 205120839

THIS REPORT CONTAINS $\mathcal{IH}^{\mathcal{U}}$ pages.

Report Sample Summary

	GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
•	20512083901	SK-GW06R-1016	Water	12/06/2005 13:26	12/08/2005 09:50
	20512083902	SK-GW07R-1016	Water	12/07/2005 09:04	12/08/2005 09:50
	20512083903	SK-GW63-1016	Water	12/07/2005 13:32	12/08/2005 09:50
	20512083904	SK-GW64-1016	Water	12/07/2005 14:10	12/08/2005 09:50
	20512083905	SK-GWTB-1016	Water		12/08/2005 09:50
	20512083906	VHBL	Water		12/08/2005 09:50
	20512083907	SK-GW06R-1016 (DISS)	Water	12/06/2005 13:26	12/08/2005 09:50
	20512083908	SK-GW63-1016 (DISS)	Water	12/07/2005 13:32	12/08/2005 09:50
	20512083909	SK-GW64-1016 (DISS)	Water	12/07/2005 14:10	12/08/2005 09:50
	20512083910	SK-GW59-1016	Water	12/08/2005 09:15	12/10/2005 09:45
	20512083911	SK-GW62A-1016	Water	12/08/2005 09:36	12/10/2005 09:45
	20512083912	SK-GW58-1016	Water	12/08/2005 12:40	12/10/2005 09:45
	20512083913	SK-GW58FD-1016	Water	12/08/2005 13:04	12/10/2005 09:45
	20512083914	SK-GW63MS-1016	Water	12/08/2005 13:33	12/10/2005 09:45
	20512083915	SK-GW63MSD-1016	Water	12/08/2005 14:03	12/10/2005 09:45
	20512083916	SK-GW63DUP-1016	Water	12/08/2005 14:03	12/10/2005 09:45
	20512083917	SK-GW60-1016	Water	12/08/2005 14:20	12/10/2005 09:45
	20512083918	SK-GWEB-1016	Water	12/08/2005 14:33	12/10/2005 09:45
	20512083919	SK-GWTB-1016	Water		12/10/2005 09:45
	20512083920	SK-GW59-1016 (DISS)	Water	12/08/2005 09:15	12/10/2005 09:45
	20512083921	SK-GW62A-1016 (DISS)	Water	12/08/2005 09:36	12/10/2005 09:45
	20512083922	SK-GW58-1016 (DISS)	Water	12/08/2005 12:40	12/10/2005 09:45
	20512083923	SK-GW58FD-1016 (DISS)	Water	12/08/2005 12:40	12/10/2005 09:45
•	20512083924	SK-GW63MS-1016 (DISS)	Water	12/08/2005 13:33	12/10/2005 09:45
	20512083925	SK-GW63DUP-1016 (DISS)	Water	12/08/2005 14:03	12/10/2005 09:45
	20512083926	SK-GWEB-1016 (DISS)	Water	12/08/2005 14:33	12/10/2005 09:45

40 . 37

1A VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-GW06R-1016

Lab Name: GC	AL Cor	ntract:			L	
	24 Case No.:					839
) Water		and brighter last internal con-	VI THE BETTERN.	remarkers resource in age 7:	the congruence acting over a realizable of service or see
	25 (g/ml) mL		Lab Sample ID:	20512083901		
			Lab File ID: 205			
	Topological algebra of Commission of the Sept. 1. In the commission of the Commissio					
% Moisture: not de	8C.	the wy target are tree	Date Collected:	12/06/05	Time: 13	26
GC Column: DE	3-624-30M ID: .53	(mm)	Date Received:	12/08/05		
	ASV4		Date Analyzed:			
Soil Extract Volum	1e:	·•· (μL)	Dilution Factor:	1	Analyst:	RJO
Soil Aliquot Volum	10:	(pL)	Prep Batch:		Analytical	Batch: 309371
001/051/5017			Analytical Method:			
CONCENTRAT	ION UNITS: ug/L			CANADA PA ARMED DEL CENTRE CON CA	TOWN THE CONTRACT OF S	
CAS NO.	COMPOUND		RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane		1.0	U	0.010	1.0
79-34-5	1,1,2,2-Tetrachloroethane		1.0	U	0.010	1.0
79-00-5	1,1,2-Trichloroethane		1.0	U	0.010	1.0
75-34-3	1,1-Dichloroethane		1.0	U	0.010	1.0
75-35-4	1,1-Dichloroethene		1.0	Ü	0.010	1.0
120-82-1	1,2,4-Trichlorobenzene		1.0	υ	0.010	1.0
106-93-4	1,2-Dibromoethane		1.0	U	0.010	1.0
95-50-1	1,2-Dichlorobenzene		1.0	U	0.010	1.0
107-06-2	1,2-Dichloroethane		1.0	U	0.010	1.0
540-59-0	1,2-Dichloroethene		1,0	U	0.010	1.0
78-87-5	1,2-Dichloropropane		1.0	U	0.010	1.0
541-73-1	1,3-Dichlorobenzene		1.0	U	0.010	1.0
106-46-7	1,4-Dichlorobenzene		1.0	U	0.010	1.0
78-93-3	2-Butanone		5.0	U	0.010	5.0
591-78-6	2-Hexanone		5.0	υ	0.010	5.0
108-10-1	4-Methyl-2-pentanone		5.0	U	0.010	5.0
67-64-1	Acetone		5.0	Ü	0.010	5.0
71-43-2	Benzene		1.0	Ü	0.010	1.0
75-27-4	Bromodichloromethane		1.0	Ü	0.010	1.0
75-25-2	Bromoform		1.0	U	0.010	1.0
74-83-9	Bromomethane		1.0	U	0.010	1.0
75-15-0	Carbon disulfide		0.34	J	0.010	1.0
56-23-5	Carbon tetrachloride		1.0	U	0.010	1.0
108-90-7	Chlorobenzene		1.0	U	0.010	1.0
75-00-3	Chloroethane		1.0	U	0.010	1.0
67-66-3	Chloroform		1.0	υ	0.010	1.0
74-87-3	Chloromethane		1.0	U	0.010	1.0
124-48-1	Dibromochloromethane		1.0	U	0.010	1.0
10061-01-5	cis-1,3-Dichloropropene		1.0	Ü	0.010	1.0
10061-02-6	trans-1,3-Dichloropropene		1.0	U	0.010	1.0
100-41-4	Ethylbenzene		1.0	U	0.010	1.0

1A VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO		SA	MF	LE	NC
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SK-GW06R-1016

Lab Name: GC	CAL Co	ntract:	AND THE RESIDENCE OF THE COURSE OF THE COURS		*		
	024 Case No.:					0839	
Matr x: (soil/wate	r) Water	redp. on some service in					
	25 (g/ml) mL		Lab Sample ID:	20512083901		a manager of the samples of the second of th	
_evel: (low/med)	appears with the control of the cont	**				y, it is given by your character and the state.	
	dec.					326	
	B-624-30M ID: .53		Date Received:	12/08/05		and the second of the second o	
	MSV4		Date Analyzed:				
	me:		Dilution Factor:			RJO	
	me:		D. D. L.			Batch: 309371	
	TION UNITS: ug/L		Analytical Method				
CAS NO.	COMPOUND		RESULT	Q	MDL	RL	
75-09-2	Methylene chloride) C D44	J	0.010	2.0	711
100-42-5	Styrene		1.0	U	0.010	1.0	7
127-18-4	Tetrachloroethene		1.0	U	0.010	1.0	7
108-88-3	Toluene		1.0	U	0.010	1.0	_
79-01-6	Trichloroethene		1.0	U	0.010	1.0	7
75-01-4	Vinyl chloride		1.0	U	0.010	1.0	7
1330-20-7	Yvlene (total)		1.0	1 11	0.010	10	

7)27/26 MSM

1E VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

SK-GW06R-1016

Lab Name: GCAL	maganis, a magagaga ayandara - dana kabab sara katab ka ab aba a palan sara Madaka sabab ka kabilikan sabih sa	Contract:	tivos self (Nephapia), i disençativatus, Materias (Nitrodisti) attaca es	no amandan san dina amin'ny aran'ny distrika		
Lab Code: LA024	Case No.:		SAS No.:		SDG No.: 205120839	notitidas passas i
Matrix: Water	ray nay naganagrapi raba ayin sa addayinda ku nagarapi say a ay an ah an oniyin wasani sii is	errore populariste a vigo aprilibilità e vici un	Lab Sample ID:	20512083901	-r Skilandelen albreit, generalmer (dir. a. A. reklig urtenlakken abstract, Skila febreiten er	
Sample wt/vol:	Units:	et talas salam salamangatamata man	Lab File ID: 20	51213/U9338	e na ann aine an saon aire aire na de naoinn de na àire. It aire ann an t-aire ann aire ann ann an t-aire an a	
Level: (low/med)	gy galag maan y paner ngan ay ya ma king a mark dibaganag didikanyakan man ngan (diki kin singa	eferimente per per la mendele per memerite a	Date Collected:	12/06/05	Time: 1326	nont, a tagy per l
% Moisture: not dec			Date Received:	12/08/05	and your arrangers, publication or arrange for the conjugation and an arrangement of the conjugation of the conjugation and the conjugation and the conjugation are conjugation and conjugation are conjugation and conjugation are conjugation and conjugation are conjugation and conjugation are conjugation are conjugation and conjugation are conjugation and conjugation are conjugation and conjugation are conjugation are conjugation and conjugation are conjugation and conjugation are conjugation are conjugation are conjugation are conjugation are conjugation are conjugation and conjugation are conjugatin are conjugation are conjugation are conjugation are conjugation	
GC Column: DB-6	24-30M ID: .53	(mm)	Date Analyzed:		Time: 1520	*******
Instrument ID: MS		antibio and the negative subprocessed with their	Dilution Factor:	1	Analyst: RJO	Approx or necessaria
Soil Extract Volume	gan signification activities and the controlled and the expension of the e	(μL)				
Soil Aliquot Volume	gyy yy. An hallen a kallend a family one yakanayana lanka and teratood	(μL)				
Number TICs Fo	ound: 0					
CONCENTRAT	ION UNITS: ug/L					
CAS NO.	COMPOUND		RT	EST.	CONC. Q	

No tics detected

SAMPLE NO.

SK-GW07R-1016

Lat Name: GC	AL Contract:					
	Case No.:				139	
Matrix: (soil/water)	Water					
	25 (g/ml) mL	Lab Sample ID:	20512083902	endamin dia dia dia penyantana manjangan dia dia kana kana menangan dia dia kana dia dia kana menangan dia dia	Matter C. Americans received in the control	
	skovitera po un applica prae podeniari creno i altra populari proprio prae file contra di disente i accorda i na p	Lab File ID: 205				
	3C.	Date Collected:	12/07/05	Time: 090)4	
	i-624-30 M ID: .53 (mm)					
	ASV4			Time: 154		
	ne: (µL)			Analyst: F		
Soil Aliquot Volum				Analytical B		
	The second of th	Analytical Method			v. 120.131.111. = 201	
CONCENTRAT	ION UNITS: ug/L	, mary toda modifica		Management and Americans in Superior		
CAS NO.	COMPOUND	RESULT	Q	MDL	RL	
71-55-6	1,1,1-Trichloroethane	1.0	U	0.010	1.0	٦
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	0.010	1.0	7
79-00-5	1,1,2-Trichloroethane	1.0	1 U 1	0.010	1.0	1
75-34-3	1,1-Dichloroethane	1.0	 	0.010	1.0	┪ .
75-35-4	1,1-Dichloroethene	1.0	 	0.010	1.0	7
12:0-82-1	1,2,4-Trichlorobenzene	1.0	 - 	0.010	1.0	┪
106-93-4	1.2-Dibromoethane	1.0	 	0.010	1.0	-
95-50-1	1,2-Dichlorobenzene	1.0	 - ŭ 	0.010	1.0	┥
107-06-2	1,2-Dichloroethane	1.0	 	0.010	1,0	-
540-59-0	1,2-Dichloroethene	1.0		0.010	1.0	┥
78-87-5	1,2-Dichloropropane	1,0	 	0.010	1.0	-
541-73-1	1,3-Dichlorobenzene	1.0	 	0.010	1.0	┪
106-46-7	1,4-Dichlorobenzene	1.0	 	0.010	1.0	┥
78-93-3	2-Butanone	5.0	 	0.010	5.0	1 R
591-78-6	2-Hexanone	5.0	1 0	0.010	5.0	┦ '`
108-10-1	4-Methyl-2-pentanone	5.0	1 0	0.010	5.0	1
67-64-1	Acetone	5.0	1 0	0.010	5.0	ا ۾
71-43-2	Benzene	1.0	 	0.010	1.0	- R
75-27-4	Bromodichloromethane	1.0	i	0,010	1.0	\dashv
75-25-2	Bromoform	1.0	j j	0,010	1.0	┨
74-83-9	Bromomethane	1.0	U	0.010	1.0	┪
75-15-0	Carbon disulfide	2.5	 	0.010	1.0	┨
56-23-5	Carbon tetrachloride	1.0	+	0.010	1.0	┥
108-90-7	Chlorobenzene	1.0	1 0 1	0.010	1.0	\dashv
75-00-3	Chloroethane	1.0	l ü	0.010	1.0	┥
67-66-3	Chloroform	1.0	1 0	0.010	1.0	-
74-87-3	Chloromethane	1.0	U	0.010	1.0	┥
124-48-1	Dibromochloromethane	1.0	 	0.010	1.0	4
10061-01-5	cis-1,3-Dichloropropene	1.0	1 0 1	0.010	1.0	4
10061-01-3	trans-1,3-Dichloropropene	1.0	T U	0.010	1.0	┨
1C0-41-4	Ethylbenzene	1.0	U	0.010	1.0	-
100-41-4	Lunyidenzene	1.0	1	0.010	1.0	Ĺ

SAMPLE NO.

SK-GW07R-1016

Lab Name: GCA	L Co	ntract:		nggan o polycopi (Micror Wileys and 188	apara de la companione	
	Case No.;					0839
Matrix: (soil/water)	Water	erang daga pulat angenare				
	5 (g/ml) mL		Lab Sample ID:	2051208390	2	The second second was also as a second second
Level: (low/med)	the same of the sa	Fordis or originative schill	Lab File ID: 205	51213/U9339	gar commensus commensus and commensus and commensus and	gengan na iki atti a tili a sanki ili tili tili tili tili tili tili til
% Moisture: not dec	to the second se		Date Collected:	12/07/05	Time: 0	904
	524-30M ID: .53				endys are no one over yet. Make you the reason is suggested to be a second of the seco	
nstrument ID: MS					Time: 1	
Soil Extract Volume			Dilution Factor:	1	Analyst:	RJO
Soil Aliquot Volume			Prep Batch:	THE ROLL CARRY TO STREET AND THE	Analytical	Batch: 309371
CONCENTRATIO	ON UNITS: ug/L		Analytical Method	: OLCO 2.1	a cannot a see a see compar	
CAS NO.	COMPOUND		RESULT	Q	MDL	RL
75-09-2	Methylene chloride		2.0	U	0.010	2.0
100-42-5	Styrene		1.0	Ü	0.010	1.0
127-18-4	Tetrachloroethene		1.0	U	0.010	1.0
108-88-3	Toluene		1.0	U	0.010	1.0
79-01-6	Trichloroethene		1.0	U	0.010	1.0
75-01-4	Vinyl chloride		1.0	U	0.010	1.0
1330-20-7	Xylene (total)		1.0	U	0.010	1.0

1E VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
SK-GW07R-1016

Lab Name: GCAL	Contract:	ter tradit radit salamina sur salamin salamina eras, sarandat saja era desaker desaker salamin			
Lab Code: LA024 Case No.:	the special policy objective is the first	SAS No.:	Printed the Least Court British Court	SDG No.: 205	120839
Matrix: Water	agram (ay anna yaho go a rinn) — amanim	Lab Sample ID:	2051208390	2	and the same of th
Sample wt/vol: Units:	amproper par top the Salat Nat African Legisla	Lab File ID: 205			e le materie contrate contrate entre entre entre entre de l'accession de la compansión de l'accession de l'acc
Level: (low/med)	add via 1700 feb yron ob arts abou vet f	Date Collected:	12/07/05	Time:	0904
% Moisture: not dec.	n, ya hina waki si saki sa	Date Received:	12/08/05	er in splace agraphing promote commence of a single for the de-	where sentitions are strongly to the sent MANS ALL
GC Column: DB-624-30M ID: .53	(mm)	Date Analyzed:	12/13/05	Time:	1543
Instrument ID: MSV4	James - Michigan Made Assert Michigan - Models -	Dilution Factor:	1	Analyst:	RJO
Soil Extract Volume:	(µL)				
Scil Aliquot Volume:	(µL)				
Number TICs Found: 0 CONCENTRATION UNITS: ug/L					
CAS NO. COMPOUND		RT	EST.	CONC.	Q
1. No tics detected					

SAMPLE NO.

SK-GW63-1016

Lab Name: GCA	L Contract:	and the second of the second o	n tamanda a Palagangan ngantungan a 2000 s	or respective sees		
Lab Code: LA024	Case No.:	SAS No.:		SDG No.: 2051208	39	
Matrix: (soil/water)		alle delle mane i artise, sy i artise,	And the same and	The Paris Control of the Control of	The second secon	•
	5 (g/ml) mL	Lab Sample ID:	2051208390	3		
	a krisin skuldka nako spisoko sekin medilim meningan proportina krisin un halp espisoko (***).			ente l'announce to la laterate de la colonie		
	And a part of a way of the first of the second of the seco			Time: 133		
	624-30M ID: .53 (mm)	Date Received:	12/08/05	constituting by represent water and on more or the execution and	ern weren erne were er erne in	
Instrument ID: MS	5V4	Date Analyzed:	12/13/05	Time: 123	36	
Soil Extract Volume		Dilution Factor:	1	Analyst:	ICK	
Sail Aliquat Volume		Prep Batch:	the complete contract regularization participal and the contract of the contra	Analytical B	atch: 309371	
CONCENTRATIO		Analytical Method				
	COMPOUND	RESULT	Q	MDL	RL	
71-55-6	1,1,1-Trichloroethane	1.0	Ιυ	0.010	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	T U	0.010	1.0	
79-00-5	1,1,2-Trichloroethane	1.0	T U	0.010	1.0	
75-34-3	1,1-Dichloroethane	1.0	Ü	0.010	1.0	
75-35-4	1,1-Dichloroethene	1.0	U	0.010	1.0	
120-82-1	1,2,4-Trichlorobenzene	1.0	U	0.010	1.0	
106-93-4	1,2-Dibromoethane	1.0	U	0.010	1.0	
95-50-1	1,2-Dichlorobenzene	1.0	U	0.010	1.0	
107-06-2	1,2-Dichloroethane	1.0	U	0.010	1.0	
540-59-0	1,2-Dichloroethene	1.0	U	0.010	1.0	
78-87-5	1,2-Dichloropropane	1.0	U	0.010	1.0	
541-73-1	1,3-Dichlorobenzene	1.0	U	0.010	1.0	
106-46-7	1,4-Dichlorobenzene	1.0	U	0.010	1.0	
78-93-3	2-Butanone	5.0	U	0.010	5.0	R
591-78-6	2-Hexanone	5.0	U	0.010	5.0	
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0	
67-64-1	Acetone	5.0	U	0.010	5.0	R
71-43-2	Benzene	1.0	U	0.010	1.0	•
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0	
75-25-2	Bromoform	1.0	U	0.010	1.0	
74-83-9	Bromomethane	1.0	U	0.010	1.0	
75-15-0	Carbon disulfide	1.0	U	0.010	1.0	
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0	
108-90-7	Chlorobenzene	1.0	U	0.010	1.0	
75-00-3	Chloroethane	1.0	U	0.010	1.0	
67-36-3	Chloroform	1.0	U	0.010	1.0	
74-37-3	Chloromethane	1.0	U	0.010	1.0	
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0 -	
10061-01-5	cis-1,3-Dìchloropropene	1.0	U	0.010	1.0	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0	
100-41-4	Ethylbenzene	1.0	U	0.010	1.0	

SAMPLE NO.

SK-GW63-1016

Lat Name: GC	AL C	ontract:	THE STATE OF THE S	ern fantaur o't ortoger trophers o't	. anni interpreta aprilar	
	24 Case No.:					0839
Matrix: (soil/water) Water					
	25 (g/ml) mL		Lab Sample ID:	20512083903	3	of appearing a special section of the section of th
_evel: (low/med)	and the second sector of the sector o	Management of the control of the	Lab File ID: 205			
	ec.		Date Collected:			
	3-624-30M ID: .53		Date Received:			
nstrument ID: _N	MSV4		Date Analyzed:			
Soil Extract Volun					Analyst:	
Soil Aliquot Volum	ne:		Prep Batch:			Batch: 309371
CONCENTRAT	TION UNITS: ug/L		Analytical Method:			
CAS NO.	COMPOUND		RESULT	Q	MDL	RL
75-09-2	Methylene chloride		2.0	U	0.010	2.0
100-42-5	Styrene		1.0	U	0.010	1.0
127-18-4	Tetrachloroethene		1.0	U	0.010	1.0
108-88-3	Toluene		1.0	U	0.010	1.0
79-01-6	Trichloroethene		1.0	U	0.010	1.0
75-01-4	Vinyl chloride		1.0	U	0.010	1.0
1330-20-7	Xylene (total)		1.0	U	0.010	1.0

1E VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO. SK-GW63-1016

Lab Name: GCAL	_Contract:	menter anna e estado monte en compresado parte e compre de compresado parte e compresado de compresado parte e	اد بیروند است داد این است. در به اداری های با در این است. این در این	
Lab Code: LA024 Case No.:	regal, in the regularization part advantages	SAS No.:	SDG No.: 20	5120839
Matrix: Water	oorsome, seelikki seemes, ee suules	Lab Sample ID:	20512083903	transfrancospular er ratterver som gjare-Hamboures, som ang e
Sample wt/vol: Units:	Mind 1160 year (AN) Albert over 16 Nov mar min	Lab File ID: 205	51213/U9331	n die kaarstraggere di sterlijk skijssersk plaage - deteckere meer spessys
Level: (low/med)		Date Collected:	12/07/05 Time:	1332
% Moisture: not dec.		Date Received:	12/08/05	ter an it is the region of the terms of the setting of the control of the separation
GC Column: DB-624-30M ID: .53	(mm)	Date Analyzed:	12/13/05 Time:	1236
Instrument ID: MSV4	ong noggraphism to the staying to	Dilution Factor:	1 Analys	t: JCK
Soil Extract Volume:	(µL)			
Soil Aliquot Volume:	(µL)			
Number TICs Found: 0				
CONCENTRATION UNITS: ug/L				
CAS NO. COMPOUND		RT	EST. CONC.	Q
1. No tics detected				

SAMPLE NO.

SK-GW64-1016

lah Name: GC	·Al Cor	ntract:						
	AL Core No.:							
	24 Case No.:		AS NO		JG 140 205120	7005		
/latrix: (soil/water) Water							
Sample wt/vol:	25 (g/ml) mL	na i ni na - Baskatuna asa	Lab Sample ID:	20512083904		o to the time were and times and the time		
evel: (low/med)	a various of a contract many captures and a contract of the co		Lab File ID: 205	51213/U9340				
	ec.		Date Collected:					
GC Column: DE	3-624-30M ID: .53	(mm)	Date Received:	12/08/05		BY WARELET WITH THE PROPERTY OF THE PARTY OF		
nstrument ID: _N	MSV4	en de desarro de la composición de la c	Date Analyzed:	12/13/05	Time: 16	307		
	ne:		Dilution Factor:	1	Analyst:	RJO		
oli Aliquot volum	ne:	(μι)			Analytical	Batch: 309371		
CONCENTRAT	ΓΙΟΝ UNITS: υα/L		Analytical Method	: OLCO 2.1	Obj			
	C			_				
CAS NO.	COMPOUND		RESULT	Q	MDL	RL		
71-55-6	1,1,1-Trichioroethane		1.0	TUT	0.010	1.0		
79-34-5	1,1,2,2-Tetrachloroethane		1.0	T U	0.010	1.0		
79-00-5	1,1,2-Trichloroethane		1.0	U	0.010	1.0		
75-34-3	1,1-Dichloroethane	· · · · · ·	1.0	U	0.010	1.0		
75-35-4	1,1-Dichloroethene		1.0	T U	0.010	1.0		
120-82-1	1,2,4-Trichlorobenzene		1.0	U	0.010	1.0		
106-93-4	1,2-Dibromoethane	· · · · · · · · · · · · · · · · · · ·	1.0	U	0.010	1.0		
95-50-1	1,2-Dichlorobenzene		1.0	U	0.010	1.0		
107-06-2	1,2-Dichloroethane		1.0	U	0.010	1.0		
540-59-0	1,2-Dichloroethene		1.0	U	0.010	1.0		
78-87-5	1,2-Dichloropropane		1.0	U	0.010	1.0		
541-73-1	1,3-Dichlorobenzene		1.0	U	0.010	1.0		
106-46-7	1,4-Dichlorobenzene		1.0	i u	0.010	1.0		
78-93-3	2-Butanone		5.0	Ü	0.010	5.0		
591-78-6	2-Hexanone		5.0	U	0.010	5.0		
108-10-1	4-Methyl-2-pentanone		5.0	U	0.010	5.0		
67-64-1	Acetone		5.0	U	0.010	5.0		
71-43-2	Benzene		1.0	U	0.010	1.0		
75-27-4	Bromodichloromethane		1.0	U	0.010	1.0		
75-25-2	Bromoform		1.0	U	0.010	1.0		
74-83-9	Bromomethane	···	1.0	U	0.010	1.0		
75-15-0	Carbon disulfide	<u>.</u>	1.0	U	0.010	1.0		
56-23-5	Carbon tetrachloride		1.0	U	0.010	1.0		
108-90-7	Chlorobenzene	·	1.0	U	0.010	1.0		
75-00-3	Chloroethane		1.0	U	0.010	1.0		
67-66-3	Chloroform	······································	1.0	U	0.010	1.0		
74-87-3	Chloromethane		1.0	U	0.010	1.0		
124-48-1	Dibromochloromethane	···	1.0	U	0.010	1.0		
10061-01-5	cis-1,3-Dichloropropene		1.0	U	0.010	1.0		
10061-02-6	trans-1,3-Dichloropropene		1.0	U	0.010	1.0		
100-41-4	Ethylbenzene		1.0	1 0 1	0.010	1.0		

FORM I VOA

SAMPLE NO.

SK-GW64-1016

Lab Name: GCAI	L	contract:	and with the state of the state	A particular and the same of t	Military I in		
	Case No.:		SAS No.:	SD	G No.: 20512	0839	
Matrix: (soil/water)	Water						
	5 (g/ml) mL		Lab Sample ID:	20512083904	primer parameters in the second was secured as	on a gar on a copy of the organization from the control of the con	
Level: (low/med)	dada - udo utablika majarin uda. I dada - Priik jindabah dinkkris da ukuni karaksis a ki na karak	g glowery glover sweetly digital to grave the	Lab File ID: 205	1213/U9340	CONT. CO. COM. C. CO. C. COM. C.	Sporter yang 11 dhalo dhalona in Barran sa an a	
			Date Collected:	12/07/05	Time: 1	410	
	524-30M ID: .53					ndiophilathorn i Mai in Adhahadh riska, iba yasadhar	
nstrument ID: MS	SV4	JAMES CALABO SEE CO.				607	
						RJO	
Soil Aliquot Volume:	and the contract of the contra	(µL)	Prep Batch:			Batch: 309371	ig serv
CONCENTRATIO			Analytical Method:		Mention frames are t		
CAS NO.	COMPOUND		RESULT	Q	MDL	RL	
75-09-2	Methylene chloride		2,0014	J	0.010	2.0	76
100-42-5	Styrene		1.0	Ü	0.010	1.0	7
127-18-4	Tetrachloroethene		1.0	Ü	0.010	1.0	7
108-88-3	Toluene	v. v. i	1.0	U	0.010	1.0	٦
79-01-6	Trichloroethene		1.0	U	0.010	1.0	7
75-01-4	Vinyl chloride		1.0	U	0.010	1.0	7
1330-20-7	Xvlene (total)		1.0		0.010	1.0	٦

1E VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

SK-GW64-1016

SAMPLE NO.

Lab Name: GCAL	Contract:	arran dentically no living an borbal conforming and	· · · · · · · · · · · · · · · · · · ·		
Lab Code: LA024 Case No.:	and the same of th	SAS No.:	manny y manager of the policy and the	SDG No.: 20	5120839
Matrix: Water	and the same of th	Lab Sample ID:	2051208390	4	anguya wa wasii 1988a Willy akaka ka kawasanin asiinin sad
Sample wt/vol: Units:	and the same and t	Lab File ID: 20	51213/U9340	gggdarth, open 240-mag, a to advenue, artifette met alsodauge o	ka yapakan sementendagant kanada dari iri kecamata dari iri
Level: (low/med)		Date Collected:	12/07/05	Time:	1410
% Moisture: not dec.	non on an experience of the contraction of	Date Received:	12/08/05	armone i commissione alle i armone allege e i supplica e i supplica e	en a la company de la comp
GC Column: DB-624-30M ID: .53	(mm)	Date Analyzed:	12/13/05	Time:	1607
Instrument ID: MSV4	Magazooowa (* 18 m. adast ar kalaya assassa).	Dilution Factor:	1	Analyst	: RJO
Soil Extract Volume:	(µL)				
Soil Aliquot Volume:	(µL)				
Number TICs Found: 0					
CONCENTRATION UNITS: ug/L					
CAS NO. COMPOUND		RT	EST.	CONC.	Q
No tics detected					

SAMPLE NO.

SK-GWTB-1016

Lab Name: GC	CAL Contract:	and the second point of the second se	a magazan a r an na , _{pagaga} yaray	ng apper native na	
ab Code: LAO	024 Case No.:	SAS No.:	S	DG No.: 205120	839
Matrix: (soil/water	r) Water				
	25 (g/ml) mL	Lab Sample ID:	20512083905	i	
	dec.			Time:	of Minor was in Managarage in the specific of the second
-	B-624-30M ID: .53 (mm)	Date Received:	12/08/05		namento de la constitución de la
nstrument ID: ၂	MSV4	Date Analyzed:	12/13/05	Time: 13	00
	ne: (μL)			Analyst:	
son Anquot Volun	me: (µL)				Batch: 309371
CONCENTRAT	TION UNITS: ug/L	Analytical Method:	OLCO 2.1	· Na managagy is companied to the compan	
CACHO	COMPOUND	DECLU T	0	MDI	DI.
CAS NO.	COMPOUND	RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane	1.0	U	0.010	1.0
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	0.010	1.0
79-00-5	1,1,2-Trichloroethane	1.0	U	0.010	1.0
75-34-3	1,1-Dichloroethane	1.0	U	0.010	1.0
75-35-4	1,1-Dichloroethene	1.0	U	0.010	1.0
120-82-1	1,2,4-Trichlorobenzene	1.0	U	0.010	1.0
106-93-4	1,2-Dibromoethane	1.0	U	0.010	1.0
95-50-1	1,2-Dichlorobenzene	1.0 -0:45	J	0.010	1.0
107-06-2	1,2-Dichloroethane	1.0	Ü	0.010	1.0
540-59-0	1,2-Dichloroethene	1.0	Ü	0.010	1.0
78-87-5	1,2-Dichloropropane	1.0	U	0.010	1.0
541-73-1	1,3-Dichlorobenzene	1.0	Ü	0.010	1.0
106-46-7	1,4-Dichlorobenzene	1.0	U	0.010	1.0
78-93-3	2-Butanone	5.0	U	0.010	5.0
591-78-6	2-Hexanone	5.0	U	0.010	5.0
108-10-1	4-Methyl-2-pentanone	5.0	Ü	0.010	5.0
67-64-1	Acetone	5.0	U	0.010	5.0
71-43-2	Benzene	1.0	U	0.010	1.0
7:5-27-4	Bromodichloromethane	1.0	U	0.010	1.0
75-25-2	Bromoform	1.0	U	0.010	1.0
74-83-9	Bromomethane	1.0	U	0.010	1.0
7:5-15-0	Carbon disulfide	1.0	U	0.010	1.0
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0
108-90-7	Chlorobenzene	1.0	U	0.010	1.0
75-00-3	Chloroethane	1.0	U	0.010	1.0
67-66-3	Chloroform	1.0	Ú	0.010	1.0
74-87-3	Chloromethane	1.0	Ü	0.010	1.0
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0
100-41-4	Ethylbenzene	1.0	U	0.010	1.0

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SK-GWTB-1016

Lab Name: GCAL	Cor	tract:	بريينا الجاويين ويريز والراكم ماكنا الالالات الراسية	- garage - aggrégation and a special and a second fil	and a supple some	
Lab Code: LA024 C						0839
Matrix: (soil/water) Water	er to disease to the contract of the					
Sample wt/vol: 25 (g/ml)	mL_	and apply to the first of the second to	Lab Sample ID:	2051208390	5	. your rounts on this orthogonal area.
_evel; (low/med)	h Managan a galaga pembahan mengalah salah pengahan di Jerus	nest transmission to the	Lab File ID: 205	51213/19332		The special part was a special with the same
% Moisture: not dec.			Date Collected:	.,	Time:	
GC Column: DB-624-30M			Date Received:	12/08/05	Appendix of the Control of the Contr	ne – g senga som som som avante som a
nstrument ID: MSV4	PP hoode discussional processing description with two	we was a second or the second			Time: 1	
Soil Extract Volume:			Dilution Factor:	1	Analyst:	ABD
Soil Aliquot Volume:	Williams age - 4 ar in our land, agent, interesting to	(µL)	Prep Batch:	a op dagsgir fors oorlakers y synt dêr't d	Analytical	Batch: 309371
CONCENTRATION UNITS: ug			Analytical Method			
CAS NO. COMPOUN	D		RESULT	Q	MDL	RL
75-09-2 Methylene chi	oride		2.0	U	0.010	2.0
100-42-5 Styrene			1.0	Ü	0.010	1.0
127-18-4 Tetrachloroeth	ene		1.0	U	0.010	1.0
108-88-3 Toluene			1.0	U	0.010	1.0
79-01-6 Trichloroether	e		1.0	U	0.010	1.0
75-01-4 Vinyl chloride			1.0	U	0.010	1.0
1330-20-7 Xylene (total)			1.0	U	0.010	1.0

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VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.	
 SK-GWTB-1016	

Lab Name: GCAL	Contract:	and the state of t		
Lab Code: LA024 Case No.:		SAS No.:	SDG No.: 205	120839
Matrix: Water		Lab Sample ID:	20512083905	Contraction on the contraction of the contraction o
Sample wt/vol: Units:	******	Lab File ID: 205		andready, was a second of the original property of the control of the original property of the control of the c
Level: (low/med)	o o recirror no recentor anno	Date Collected:	Time:	سيقر ١١ - ١٩٠٠ المعددي الوديدية المحالة المادة 4 - المواكن و الم
% Moisture: not dec.	of an expension in the contract contrac	Date Received:	12/08/05	lamako lema uruyun panguni 1938 - mad ni denga nur diseng ngabilik diburu s
GC Column: DB-624-30M ID: .53	(mm)	Date Analyzed:	12/13/05 Time:	1300
Instrument ID: MSV4	ns, volumeta, la fin eta, en es representa deservira.	Dilution Factor:	1 Analyst	: ABD
Soil Extract Volume:	(µL)			
Soil Aliquot Volume:	(µL)			
Number TICs Found: 0				
CONCENTRATION UNITS: ug/L				
CAS NO. COMPOUND		RT _	EST. CONC.	Q
1. No tics detected				

SAMPLE NO.

_	SK-GW59-1016	

Lab Name: GCAL Control	ract:				
Lab Code: LA024 Case No.:				39	
Matrix: (soil/water) Water					
Sample wt/vol: 25 (g/ml) mL	Lab Sample ID:	205120839	10	n ya salamma langa — lantaanni dash yayan sakadin sabay	
_evel: (low/med)					
% Moisture; not dec.			Time: 091		
GC Column: DB-624-30M ID: .53		12/10/05		arrange Start Charles and a State of the Sta	
nstrument ID: MSV4	Date Analyzed:	12/13/05	Time: 163	30	
Soil Extract Volume:			Analyst: F		
Soil Aliquot Volume:			Analytical B		
CONCENTRATION UNITS: ug/L	Analytical Method				
CAS NO. COMPOUND	RESULT	Q	MDL	RL	
71-55-6 1,1,1-Trichloroethane	1.0	TU	0.010	1.0	7
79-34-5 1,1,2,2-Tetrachloroethane	1.0	U	0.010	1.0	1
79-00-5 1,1,2-Trichloroethane	1.0	U	0.010	1.0	1
75-34-3 1,1-Dichloroethane	1.0	U	0.010	1,0	1
75-35-4 1,1-Dichloroethene	1.0	U	0.010	1.0	1
120-82-1 1,2,4-Trichlorobenzene	1.0	U	0.010	1.0	1
106-93-4 1,2-Dibromoethane	1.0	U	0.010	1.0	1
95-50-1 1,2-Dichlorobenzene	1.0	U	0.010	1.0	1
107-06-2 1,2-Dichloroethane	1.0	U	0.010	1.0	1
540-59-0 1,2-Dichloroethene	1.0	U	0.010	1.0	1
78-87-5 1,2-Dichloropropane	1.0	Ų	0.010	1.0]
541-73-1 1,3-Dichlorobenzene	1.0	U	0.010	1.0]
106-46-7 1,4-Dichlorobenzene	1.0	U	0.010	1.0]
78-93-3 2-Butanone	5.0	U	0.010	5.0] R
591-78-6 2-Hexanone	5.0	U	0.010	5.0]
108-10-1 4-Methyl-2-pentanone	5.0	U	0.010	5.0	
67-64-1 Acetone	5.0	U	0.010	5.0	R
71-43-2 Benzene	1.0	U	0.010	1.0]
75-27-4 Bromodichloromethane	1.0	υ	0.010	1.0	
75-25-2 Bromoform	1.0	U	0.010	1.0	
74-83-9 Bromomethane	1.0	U	0.010	1.0	
75-15-0 Carbon disulfide	0.15	J	0.010	1.0	
56-23-5 Carbon tetrachloride	1.0	U	0.010	1.0	
108-90-7 Chlorobenzene	1.0	U	0.010	1.0]
75-00-3 Chloroethane	1.0	U	0.010	1.0	1
67-65-3 Chloroform	1.0	U	0.010	1.0	
74-87-3 Chloromethane	1.0	Ú	0.010	1.0	
124-48-1 Dibromochloromethane	1.0	U	0.010	1.0	
10061-01-5 cis-1,3-Dichloropropene	1.0	U	0.010	1.0	1
10061-02-6 trans-1,3-Dichloropropene	1.0	U	0.010	1.0	1
100-41-4 Ethylbenzene	1.0	U	0.010	1.0]

SAMPLE NO.

SK-GW59-1016

Lab Name: GCA	<u>L</u>	Contract:	managanan agasa saran ka aya kadan kadangada kasar ka da			
	4 Case No.:				SDG No.: 205120)839
Matrix: (soil/water)	Water	and make their transports again				
	95 (g/ml) mL		Lab Sample ID:	2051208391	0	er den den grung og der der den som det de grunde i sterner.
Level: (low/med)	ga diningaj i sir di simo principi a conta sensimo qua i minime ci di mobile.	Market and the section of the sectio			town the market to the market of the second	
	c				Time: 09	
	-624-30M ID: .5		Date Received:	12/10/05	t y religio di NPRE NERGES IN ESPERANTE ESCUSSIONI ES SEGUENZA	
Instrument ID: M			Date Analyzed:		Time: 16	
Soil Extract Volume	e:			1		RJO
Soil Aliquot Volume			Denn Datah	and the state of t		Batch: 309371
CONCENTRATI	ON UNITS: ug/L		Analytical Method	: OLCO 2.1	and the second of other second of	
CAS NO.	COMPOUND		RESULT	Q	MDL.	RL
75-09-2	Methylene chloride		2.0	U	0.010	2.0
100-42-5	Styrene		1.0	U	0.010	1.0
127-18-4	Tetrachloroethene		1.0	U	0.010	1.0
108-88-3	Toluene		1.0	U	0.010	1.0
79-01-6	Trichloroethene		1.0	U	0.010	1.0
75-01-4	Vinyl chloride		1.0	U	0.010	1.0
1330-20-7	Xylene (total)		1.0	Ü	0.010	1.0

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VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
SK-GW59-1016

Lab Name: GCAL	Contract:	e desputables and experience from the goaler committee of page page.	normalis i salahakan kanada dagan yayi saki dalam		
Lab Code: LA024 Case No.:	Processory a 1907. Married Marcolle Sci. According 1	SAS No.:	amongg, of department of the control of	SDG No.: 205	120839
Matrix: Water	rigge gan griftelt och folkel for stronge och fillstate	Lab Sample ID:	20512083910	r nygat, begister nagangaris serves unasarbek versegar skekkeler kan	manganan dama saraggara, iran saraggara sa sa sa
Sample wt/vol: Units:	nath requirement in member or	Lab File ID: 20	51213/U9341	nik diliko kaji Tangajaya (aj taj la 17 kaj 1871), imple mjel 1888. Tak	e wante of common case to be because
Level: (low/med)	marranth highlin for critical and conjust forces.	Date Collected:	12/08/05	Time: 0	915
% Moisture: not dec.	magering schools were handliched geste, jober ger Joseph	Date Received:	12/10/05	odnova na verse verse od stalen odnosti	n alta sidar a Million de Millondonio e i
GC Column: DB-624-30M ID: .53	(mm)	Date Analyzed:	12/13/05	Time: 1	1630
Instrument ID: MSV4	manager of them a manager was	Dilution Factor:	1	Analyst:	RJO
Soil Extract Volume:	(µŁ)				
Soil Aliquot Volume:	(µL)				
Number TICs Found: 0					
CONCENTRATION UNITS: ug/L					
CAS NO. COMPOUND		RT	EST.	CONC.	Q
1. No tics detected					

SAMPLE NO.

SK-GW62A-1016

Lab Name: GC	AL Contract:	de la débition manuel à la chie que la grandique de la colonidad de chies de	w na nijeny wysy w roken i wakiete k	· overske overske dentale i		
	24 Case No.:				839	*****
	Water	**/*****				
	25 (g/ml) mL	Lab Sample ID:	205120839	11		
	and dought in company and property in the order of the company contract and the first first in date and a seed	Lab File ID: 205			AND A SELECTION OF THE SECOND OF	
% Moisture: not de		Date Collected:	12/08/05	Time: 09		
GC Column: DB	-624-30M ID: .53 (mm)	Date Received:	12/10/05	ما و المواد	months making any statical, or age was no collec-	
nstrument ID: M	ISV4	Date Analyzed:	12/13/05		54	
	e: (µL)	Dilution Factor:	1		RJO	
Soil Aliquot Volum	e: (µL)	Prep Batch:	AD 1774 1 JUST 10 30 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Analytical I		- 1/4
CONCENTRAT	ION UNITS: ug/L	Analytical Method				
CAS NO.	COMPOUND	RESULT	Q	MDL	RL	
71-55-6	1,1,1-Trichloroethane	1.0	Tu	0.010	1.0	7
79-34-5	1,1,2,2-Tetrachloroethane	1.0	T U	0.010	1.0	1
79-00-5	1,1,2-Trichloroethane	1.0	U	0.010	1.0	1
75-34-3	1,1-Dichloroethane	1.0	U	0.010	1.0	7
75-35-4	1,1-Dichloroethene	1.0	U	0.010	1.0	1
120-82-1	1,2,4-Trichlorobenzene	1.0	U	0.010	1.0	1
106-93-4	1,2-Dibromoethane	1.0	 	0.010	1.0	1
95-50-1	1,2-Dichlorobenzene	1.0	T U	0.010	1.0	1
107-06-2	1,2-Dichloroethane	1.0	1 	0.010	1.0	1
540-59-0	1,2-Dichloroethene	1.0	 U	0.010	1.0	1
78-87-5	1,2-Dichloropropane	1.0	U	0.010	1.0	┪
541-73-1	1,3-Dichlorobenzene	1.0	 	0.010	1.0	1
106-46-7	1,4-Dichlorobenzene	1.0	l ū	0.010	1,0	1
78-93-3	2-Butanone	5.0	U	0.010	5.0	18
591-78-6	2-Hexanone	5.0	 u	0.010	5.0	┨"
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0	1
67-64-1	Acetone	5.0	 U 	0.010	5.0]R
71-43-2	Benzene	1.0	U	0.010	1.0	1 ' <i>'</i>
75-27-4	Bromodichloromethane	1.0	Ü	0.010	1.0	1
75-25-2	Bromoform	1.0	U	0.010	1.0	1
74-83-9	Bromomethane	1.0	U	0.010	1.0	1
75-15-0	Carbon disulfide	1.1		0.010	1.0	1
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0	1
108-90-7	Chlorobenzene	1.0	U	0.010	1.0	1
75-00-3	Chloroethane	1.0	U	0.010	1.0	1
67-66-3	Chloroform	1.0	U	0.010	1.0	1
74-87-3	Chloromethane	1.0	U	0.010	1.0	1
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0	1
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0	1
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0	1
100-41-4	Ethylbenzene	1.0	U	0.010	1.0	1
L						,

FORM I VOA

SAMPLE NO.

SK-GW62A-1016

Lab Name: GCAL C	ontract:	Managara a sangara ang managara ang managara Managara ang managara ang	makes to a linear magnitude of	The Parket Angel Codes o		
Lab Code: LA024 Case No.:					0839	marking a fe
Matrix: (soil/water) Water	and the state of t					
Sample wt/vol: 25 (g/ml) mL		Lab Sample ID:	2051208391	1	CANSON THOUSE ON HATTE AT ARMINIST THE LA	
Level: (low/med)	an magang unit ya ya	Lab File ID: 20	51213/U9342	M. Make analis is a second on Make Make Make and consider part of the	and manifestal grant and decembers restricted the factor	
% Moisture: not dec.		Date Collected:	12/08/05	Time: 0	936	
GC Column: DB-624-30M ID: .53		Date Received:	12/10/05	Martine park the first of the f	Province and account of the second sections of the second	
Instrument ID: MSV4	ne i secundo como con con con con con con con con con co				654	
Soil Extract Volume:		Dilution Factor:	1	Analyst:	RJO	
Soil Aliquot Volume:	(μL)	Prep Batch:		Analytica	Batch: 309371	
CONCENTRATION UNITS: ug/L		Analytical Method	d: OLCO 2.1	The same of the sa		
CAS NO. COMPOUND		RESULT	Q	MDL	RL	
75-09-2 Methylene chloride		2.004	J	0.010	2.0	η,
100-42-5 Styrene		1.0	U	0.010	1.0	\neg
127-18-4 Tetrachloroethene		1.0	U	0.010	1.0	\neg
108-88-3 Toluene		1.0	U	0.010	1.0	\neg
79-01-6 Trichloroethene		1.0	U	0.010	1.0	\neg
75-01-4 Vinyl chloride		1.0	U	0.010	1.0	\neg
1330-20-7 Xylene (total)		1.0	U	0.010	1.0	_

1E VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.	
SK-GW62A-1016	

Lab Name: GCAL	Contract:	nada kan i saga da gay na mara sa yanan ka	and the communication and the same	
Lab Code: LA024 Case No.:	St. 1963; Nov. WANTER, das Printegalisacion	SAS No.:	SDG No.: 205	5120839
Matrix: Water	n der er den er sinder Die Leiter Patient Prompte.	Lab Sample ID:	20512083911	nan n anarramanak maranan ku ka da aranan ere e
Sample wt/vol: Units:	anneals of the same and a second second	Lab File ID: 205	51213/U9342	en many region (or to the enter a page of a page of the enterprise (MARC #).
Level: (low/med)	are stange access to a provide the	Date Collected:	12/08/05 Time:	0936
% Moisture: not dec.	Managero No. Scriptor Spanishers, an	Date Received:	12/10/05	COMMERCIAN CONTRACTOR ACCORDING
GC Column: DB-624-30M ID: .53	(mm)	Date Analyzed:	12/13/05 Time:	1654
Instrument ID: MSV4	New yorks of the terms of the selection	Dilution Factor:	1 Analyst	: RJO
So i Extract Volume:	(μL)			
So I Aliquot Volume:	(µL)			
Number TICs Found: 0 CONCENTRATION UNITS: ug/L				
CAS NO. COMPOUND		RT	EST. CONC.	Q
1. No tics detected				l

SAMPLE	NC
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 SK	GW	58-10	016	

Lab Name: GC	CAL Co	ntract:	grangarama, saguag unibur gunudas cindates kurema, gunintakki i	andiguian aparaga ya aya aya aya ayay ayahin and bi		
_ab Code: LAC)24 Case No.:	9	SAS No.:	St	OG No.: 205120	0839
/latrix: (soil/water			ann, and specified a p designment	- Aportonia (Ph. Hursey)us infe	i dis diligi i arteris and supr	german, and the orthography and the state of the same
	25 (g/ml) mL		Lab Sample ID:	20512083912		anni dee ee ii ka
	y signas, a designat dans place de l'apparation et le design propriet in la designat et d'apparation à l'appara					magnetischen gegen und derken deutsch
6 Moisture: not o	dec.	ate grant to the first point of	Date Collected:	12/08/05	Time: 1:	240
C Column: D	B-624-30M ID: .53	(mm)	Date Received:	12/10/05	- Special and the Control of States and Stat	nagan was tu sangan was was was sa
nstrument ID:	MSV4					718
oil Extract Volur			Dilution Factor:			RJO
	A REST OF THE REST					
Soil Aliquot Volur	ne:	(µL)	Prep Batch:	Majoran spaces with the second of the second	Analytical	Batch: 309371
CONCENTRA	TION UNITS: ug/L		Analytical Method	d: OLCO 2.1	subsidelyne essuis absolut basalatha	
CAS NO.	COMPOUND		RESULT	Q	MDL	RL
						
71-55-6	1,1,1-Trichloroethane		1.0	Ü	0.010	1.0
79-34-5	1,1,2,2-Tetrachloroethane		1.0	U	0.010	1.0
79-00-5	1,1,2-Trichloroethane		1.0	J U 1	0.010	1.0
75-34-3	1,1-Dichloroethane		1.0	U	0.010	1.0
75-35-4	1,1-Dichloroethene		1.0	U	0.010	1.0
120-82-1	1,2,4-Trichlorobenzene		1.0	U	0.010	1.0
106-93-4	1,2-Dibromoethane		1.0	U	0.010	1.0
95-50-1	1,2-Dichlorobenzene		1.0	U	0.010	1.0
107-06-2	1,2-Dichloroethane		1.0	U	0.010	1.0
540-59-0	1,2-Dichloroethene		1.0	U	0.010	1.0
78-87-5	1,2-Dichloropropane		1.0	U	0.010	1.0
541-73-1	1,3-Dichlorobenzene		1.0	U	0.010	1.0
106-46-7	1,4-Dichlorobenzene		1.0	U	0.010	1.0
78-93-3	2-Butanone		5.0	U	0.010	5.0
591-78-6	2-Hexanone		5.0	U	0.010	5.0
108-10-1	4-Methyl-2-pentanone		5.0	U	0.010	5.0
67-64-1	Acetone		5.0	U	0.010	5.0
71-43-2	Benzene		1.0	U	0.010	1.0
75-27-4	Bromodichloromethane		1.0	U	0.010	1.0
75-25-2	Bromoform		1.0	U	0.010	1.0
74-83-9	Bromomethane		1.0	U	0.010	1.0
75-15-0	Carbon disulfide		1.0	U	0.010	1.0
56-23-5	Carbon tetrachloride		1.0	U	0.010	1.0
108-90-7	Chlorobenzene		1.0	U	0.010	1.0
75-00-3	Chloroethane		1.0	U	0.010	1.0
67-66-3	Chloroform		1.0	U	0.010	1.0
74-87-3	Chloromethane		1.0	U	0.010	1.0
124-48-1	Dibromochloromethane		1.0	U	0.010	1.0
10061-01-5	cis-1,3-Dichloropropene		1.0	U	0.010	1.0
10061-02-6	trans-1,3-Dichloropropene		1.0	U	0.010	1.0
100-41-4	Ethylbenzene		1.0	U	0.010	1.0

FORM I VOA

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SK-GW58-1016

Lab Name: GCA	Contra	act:	ra dimensional del regiono sono proposicione del proposic	near and the merchanic or the merchanic or the	formulation with the last t		
Lab Code: LA024	Case No.:		SAS No.:	and the second s	SDG No.: 205120	839	w
Matr x: (soil/water)	Water						
	g/ml) mL		Lab Sample ID:	2051208391	12	ART TO THE LONGS INSULABATION OF THE TOTAL OFFI	
Level: (low/med)	و المراجعة ا		Lab File ID: 205	51213/U9343	mana a haaray isa mara kamintaa akeesa ee ka ka ka	Merter III o maassassas Waassas Assa See	
% Moisture: not dec	· The state of the	make now at a wanterface	Date Collected:	12/08/05	Time: 12	240	
	524-30M ID: .53				and the he admired to be defined a polarity admired by the det		
Instrument ID: MS	SV4	100 Ft agents, 100 14 age			Time: 17		
Soil Extract Volume		(µL)	Dilution Factor:	1	Analyst:	RJO	
Soil Aliquot Volume:		(µL)	Prep Batch:	A	Analytical	Batch: 309371	
CONCENTRATIO	N UNITS: ug/L		Analytical Method	: OLCO 2.	1		
CAS NO.	COMPOUND		RESULT	Q	MDL	RL	
75-09-2	Methylene chloride		2.0.0120	J	0.010	2.0] (L
100-42-5	Styrene		1.0	U	0.010	1.0	
127-18-4	Tetrachloroethene		1.0	U	0.010	1.0	
108-88-3	Toluene		1.0	U	0.010	1.0	7
79-01-6	Trichloroethene		1.0	U	0.010	1.0	
75-01-4	Vinyl chloride		1.0	U	0.010	1.0	
1330-20-7	Xylene (total)		1.0	U	0.010	1.0	

1E VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO. SK-GW58-1016

Lab Name: GCAL Con	ntract:	do this andre in the second of		L	
Lab Code: LA024 Case No.:		SAS No.:	ANTERNOON WENTER AMERICAN TO THE TAXABLE TO THE TAX	SDG No.: 205	120839
Matrix: Water	and develop at magazine	Lab Sample ID:	20512083912	2	n, dariyan, (Lasanuardan) arkir or Vichambalkan 4 in Albiron
Sample wt/vol: Units:		Lab File ID: 205	54040/110040		the whole programmed to the first continuous and the first con-
Level: (low/med)	retieve of the	Date Collected:	12/08/05	Time:	1240
% Moisture: not dec.	····	Date Received:	12/10/05	and the analysis as a service of the second of the second	
GC Column: DB-624-30M ID: .53	(mm)	Date Analyzed:	12/13/05	Time:	1718
Instrument ID: MSV4	and the second of	Dilution Factor:	1	Analyst:	RJO
Soil Extract Volume:	(µL)				
Soil Aliquot Volume:	(µL)				
Number TICs Found: 0 CONCENTRATION UNITS: ug/L					
CAS NO. COMPOUND		RT	EST.	CONC.	Q
1. No tics detected					

SAMPLE NO.

SK-GW58FD-1016

					L	
Lab Name: GC	AL Co	ntract:	n disk malikkumakak (1874 disk bandi ar 1824) inin dir Menganthak sasak (1874 disk	and the second second	(provider) distribute (AV	
Lab Code: LA02	24 Case No.:		SAS No.:	s	DG No.: 205120	839
	Water		der danne führlichen F. deutschaften		-	an analysis of the states, the second of the second or any
	25 (g/ml) mL		Lab Sample ID:	20512083913	.	
Levei: (low/mea)	The many law of the contents of the content of the					
% Moisture: not de	OC.		Date Collected:	12/08/05	Time: 13	04
GC Column: DE	3-624-30M ID: .53	(mm)	Date Received:	12/10/05	and the second s	no simple spation code spanish parameter again and a basis of
Instrument ID: N	ASV4		Date Analyzed:			
	ne:		Dilution Factor:			
Soil Aliquot Volum		(με)				Batch: 309371
CONCENTRAT	ION UNITS: ug/L		Analytical Method:	OLCO 2.1	e veedstate. Van is noon to room	
CAS NO.	COMPOUND		RESULT	Q	MDL	RL
CAS NO.	COMPOUND		RESULI	Ų	MUL	RL.
71-55-6	1,1,1-Trichloroethane		1.0	U	0.010	1.0
79-34-5	1,1,2,2-Tetrachloroethane		1.0	U	0.010	1.0
79-00-5	1,1,2-Trichloroethane		1.0	U	0.010	1.0
75-34-3	1,1-Dichloroethane		1.0	U	0.010	1.0
75-35-4	1,1-Dichloroethene		1.0	U	0.010	1.0
120-82-1	1,2,4-Trichlorobenzene		1.0	U	0.010	1.0
106-93-4	1,2-Dibromoethane		1.0	U	0.010	1.0
95-50-1	1,2-Dichlorobenzene		1.0	U	0.010	1.0
107-06-2	1,2-Dichloroethane		1.0	U	0.010	1.0
540-59-0	1,2-Dichloroethene		1.0	U	0.010	1.0
78-87-5	1,2-Dichloropropane		1.0	U	0.010	1.0
541-73-1	1,3-Dichlorobenzene		1.0	U	0.010	1.0
106-46-7	1,4-Dichlorobenzene		1.0	U	0.010	1.0
78-93-3	2-Butanone		5.0	Ü	0.010	5.0
59′-78-6	2-Hexanone		5.0	U	0.010	5.0
108-10-1	4-Methyl-2-pentanone		5.0	U	0.010	5.0
67-64-1	Acetone		5.0	U	0.010	5.0
71-43-2	Benzene		1.0	U	0.010	1.0
75-27-4	Bromodichloromethane		1.0	U	0.010	1.0
75-25-2	Bromoform		1.0	U	0.010	1.0
74-83-9	Bromomethane		1.0	U	0.010	1.0
75-15-0	Carbon disulfide		1.0	U	0.010	1.0
56-23-5	Carbon tetrachloride		1.0	U	0.010	1.0
108-90-7	Chlorobenzene		1.0	U	0.010	1.0
75-00-3	Chloroethane		1.0	U	0.010	1.0
67-66-3	Chloroform		1.0	U	0.010	1.0
74-87-3	Chloromethane		1.0	Ü	0.010	1.0
124-48-1	Dibromochloromethane		1.0	U	0.010	1.0
10061-02-6	trans-1,3-Dichloropropene		1.0	U	0.010	1.0
10061-01-5	cis-1,3-Dichloropropene		1.0	U	0.010	1.0
10C-41-4	Ethylbenzene		1.0	U	0.010	1.0
1			1			

FORM I VOA

SAMPLE NO.

SK-GW53FD-1016

Lab Name: GCA		Contract:	er men viðinssa skula, vinde i nedembri heldi. Ledining	a particular de de la companya de la	January Mariner and angularies -		
	4 Case No.:					0839	a magazina a sa
Matrix: (soil/water)	Water	and the second second second					
	5 (g/ml) mL		Lab Sample ID:	2051208391	.3	a standermone dissipate december and order or a	
Level: (low/med)	وسيانا دارا مدار دفور بيرا فيزا ني ني ني وزاد درزادشانات الجانب الانتيانية وفيزا مشاليمسانيهي	garan) washqaha ini ne mygarigi i giri	Lab File ID: 205	51213/U9344	n haar talaga sharahart tala a shi ka saa saa		
% Moisture: not dec	3.	a neka manaka manaka kataban nga sapaka sa	Date Collected:	12/08/05	Time: 1	304	
	624-30M ID: .53		Date Received:	12/10/05	they the collection, against garden recognized an approximate consequence of the second	en and an annual and an an	
Instrument ID: MS	SV4	ak di kalikulak di Ba da daga '			Time: 1		
Soil Extract Volume	A disagn interpretation of their engineers, they are appropriately in	(µL)		1		RJO	
Soil Aliquot Volume			Prep Batch:			Batch: 309371	n
CONCENTRATIO	ON UNITS: ug/L		Analytical Method				
CAS NO.	COMPOUND		RESULT	Q	MDL	RL	
75-09-2	Methylene chloride		2.0024	J	0.010	2.0	JU
100-42-5	Styrene		1.0	U	0.010	1.0	7
127-18-4	Tetrachioroethene		1.0	U	0.010	1.0	7
108-88-3	Toluene		1.0	Ū	0.010	1.0	7
79-01-6	Trichloroethene		1.0	U	0.010	1.0	7
75-01-4	Vinyl chloride		1.0	U	0.010	1.0	7
1330-20-7	Xylene (total)		1.0	U	0.010	1.0	٦

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1E VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO. SK-GW58FD-1016

Lab Name: GCAL	Contract:	maken saman maken tangganan saman saman di makan kanan maken maken saka saka saka saka saka saka saka sak	Andrew Control of the	
Lab Code: LA024 Case No.:	S.	AS No.:	SDG No.: 205	120839
Matrix: Water	othershiller Managina printing buyddy own, ha	Lab Sample ID:	20512083913	handa i iliyada degelifiliyadi nisaya nifita indising sebita 1 defi ti yekitay s
Sample wt/vol: Units:	opin militarija i salitar garagain, gasta kapitarija partitika	Lab File ID: 205	1213/U9344	samelekko militarilari yalitaka terhaka berhasilako (* - keli meta k
Level: (low/med)	gerral e i Millende de palgarida de palassi	Date Collected:	12/08/05 Time:	1304
% Moisture: not dec.	endry stricture (Alberta, Say, Sayana, 1941, Assistant Sayana, 1941	Date Received:	12/10/05	ngan nyondh naoinn a hisi e air - an ma' a na - e a - e a
GC Column: DB-624-30M ID: .53	(mm)	Date Analyzed:	12/13/05 Time:	1742
Instrument D: MSV4	and the second transforms southern to represent the lates of the	Dilution Factor:	1 Analyst:	RJO
Soil Extract Volume:	(μL)			
Soil Aliquot Volume:	(µL)			
Number TICs Found: 0 CONCENTRATION UNITS: ug/L CAS NO. COMPOUND		RT	EST. CONC.	Q
1. No tics detected		- KI	EST. CONC.	T
<u> </u>				1

SAMPLE NO.

SK-GW60-1016

591-78-6 2-Hexanone 5.0 U 0.010 5.0 103-10-1 4-Methyl-2-pentanone 5.0 U 0.010 5.0	Lab Name: GCAl	Contract:				- '	
Variatic (soil/valer) Variatic Var						0839	
Sample vt/Vol. 25 (g/ml) mL				erangelisis (Profesjore, my Johns of preside	EVIPTE SERVEDIA 7.	elektrica (n. 1964) eta (n. 19	
Lab File ID: 2051213/U9345 Column: DB-624-30M ID: 53 (mm) Date Received: 12/10/05 Time: 14/20 Date Analyzed: 12/13/05 Time: 18/05 Time: 18/05 Date Analyzed: 12/13/05				2051208391	7	on the state of the State of S	
% Moisture: not dec. Date Collected: 12/80/55 Time: 1420 3C Column: DB-624-30M	Level: (low/med)						
Date							
Date Analyzed: 12/13/05 Time: 1805							
Date Analyzed: 12/13/05 Time: 1805	GC Column: DB-62	24-30M ID: .53 (mr	n) Date Received:	12/10/05	, pro-supermanunts september un disente transcott sorten.	agus cana i stant sa Stanta Mahansa and umbalda i Sh	
Soil Extract Volume:	nstrument ID: MS\	/4					
Analytical Match Analytical Batch 309371							
Analytical Method: OLCO 2.1							
CAS NO. COMPOUND RESULT Q MDL RL 71-55-6 1,1,1-Trichloroethane 1.0 U 0.010 1.0 79-34-5 1,1,2,2-Trichloroethane 1.0 U 0.010 1.0 79-00-5 1,1,1-Dichloroethane 1.0 U 0.010 1.0 75-34-3 1,1-Dichloroethane 1.0 U 0.010 1.0 75-35-4 1,1-Dichloroethene 1.0 U 0.010 1.0 120-82-1 1,2-Dichloroethene 1.0 U 0.010 1.0 106-93-4 1,2-Dichloroethene 1.0 U 0.010 1.0 95-50-1 1,2-Dichloroethene 1.0 U 0.010 1.0 95-50-1 1,2-Dichloroethene 1.0 U 0.010 1.0 107-06-2 1,2-Dichloroethene 1.0 U 0.010 1.0 107-08-3 1,2-Dichloroethene 1.0 U 0.010 1.0 78-87-5 1,2-Dichloroethene	Soil Aliquot Volume.	(μι				Datch. 309371	~ ~
Ti-55-6	CONCENTRATION	N UNITS: ug/L	Analytical Metho	d: OLCO 2.1	Personal Total Release Control Control		
79-34-5	CAS NO. C	OMPOUND	RESULT	Q	MDL	RL	
79-34-5	71 55 6	1 1 1 Triphlarathana			0.010	10	7
79-00-5						<u> </u>	-
75-34-3						4	⊣
75-35-4							┥
120-82-1							┥
106-93-4		<u> </u>					-
95-50-1 1,2-Dichlorobenzene 1.0 U 0.010 1.0 107-06-2 1,2-Dichloroethane 1.0 U 0.010 1.0 540-59-0 1,2-Dichloropropane 1.0 U 0.010 1.0 78-87-5 1,2-Dichloropropane 1.0 U 0.010 1.0 541-73-1 1,3-Dichlorobenzene 1.0 U 0.010 1.0 541-73-1 1,4-Dichlorobenzene 1.0 U 0.010 1.0 106-46-7 1,4-Dichlorobenzene 1.0 U 0.010 1.0 78-93-3 2-Butanone 5.0 U 0.010 5.0 591-78-6 2-Hexanone 5.0 U 0.010 5.0 103-10-1 4-Methyl-2-pentanone 5.0 U 0.010 5.0 67-64-1 Acetone 5.0 U 0.010 5.0 71-43-2 Benzene 1.0 U 0.010 1.0 75-27-4 Bromodichloromethane 1.0 U 0.010 1.0 75-28-2 Bromoform 1.0 U 0.010 1.0 74-83-9 Bromomethane 1.0 U 0.010 1.0 75-15-0 Carbon disulfide 0.14 J 0.010 1.0 66-23-5 Carbon tetrachloride 1.0 U 0.010 1.0 75-00-3 Chlorobenzene 1.0 U 0.010 1.0 75-68-3 Chloroform 1.0 U 0.010 1.0 104-487-3 Chloromethane 1.0 U 0.010 1.0 1061-01-5 cis-1,3-Dichloropropene 1.0 U 0.010 1.0 10061-02-6 trans-1,3-Dichloropropene 1.0 U 0.010 1.0 10061-01-5 trans-1,3-Dichloropropene 1.0 U 0.010 1.0 10061-01-5 trans-1,3-Dichloropropene 1.0 U 0.010 1.0 10061-01-5 trans-1,3-Dichloropropene 1.0 U 0.010 1.0		· · · · · · · · · · · · · · · · · · ·					
107-06-2 1,2-Dichloroethane 1.0 U 0.010 1.0 540-59-0 1,2-Dichloroethene 1.0 U 0.010 1.0 78-87-5 1,2-Dichloropropane 1.0 U 0.010 1.0 541-73-1 1,3-Dichlorobenzene 1.0 U 0.010 1.0 106-46-7 1,4-Dichlorobenzene 1.0 U 0.010 1.0 78-93-3 2-Butanone 5.0 U 0.010 5.0 591-78-6 2-Hexanone 5.0 U 0.010 5.0 103-10-1 4-Methyl-2-pentanone 5.0 U 0.010 5.0 67-64-1 Acetone 5.0 U 0.010 5.0 67-64-1 Acetone 5.0 U 0.010 5.0 71-43-2 Benzene 1.0 U 0.010 1.0 75-27-4 Bromoform 1.0 U 0.010 1.0 75-25-2 Bromoform 1.0 U 0.010							
540-59-0 1,2-Dichloroethene 1.0 U 0.010 1.0 78-87-5 1,2-Dichloropropane 1.0 U 0.010 1.0 541-73-1 1,3-Dichlorobenzene 1.0 U 0.010 1.0 106-46-7 1,4-Dichlorobenzene 1.0 U 0.010 1.0 78-93-3 2-Butanone 5.0 U 0.010 5.0 591-78-6 2-Hexanone 5.0 U 0.010 5.0 103-10-1 4-Methyl-2-pentanone 5.0 U 0.010 5.0 67-64-1 Acetone 5.0 U 0.010 5.0 71-43-2 Benzene 1.0 U 0.010 1.0 75-27-4 Bromodichloromethane 1.0 U 0.010 1.0 75-25-2 Bromoferm 1.0 U 0.010 1.0 75-15-0 Carbon disulfide 0.14 J 0.010 1.0 75-0-23 Carbon tetrachloride 1.0 U							4
78-87-5 1,2-Dichloropropane 1.0 U 0.010 1.0 541-73-1 1,3-Dichlorobenzene 1.0 U 0.010 1.0 106-46-7 1,4-Dichlorobenzene 1.0 U 0.010 1.0 78-93-3 2-Butanone 5.0 U 0.010 5.0 591-78-6 2-Hexanone 5.0 U 0.010 5.0 103-10-1 4-Methyl-2-pentanone 5.0 U 0.010 5.0 67-64-1 Acetone 5.0 U 0.010 5.0 71-43-2 Benzene 1.0 U 0.010 1.0 75-27-4 Bromodichloromethane 1.0 U 0.010 1.0 75-27-8 Bromoform 1.0 U 0.010 1.0 75-27-9 Bromomethane 1.0 U 0.010 1.0 75-5-2 Bromomethane 1.0 U 0.010 1.0 75-15-0 Carbon disulfide 0.14 J 0.01		· · · · · · · · · · · · · · · · · · ·					4
541-73-1 1,3-Dichlorobenzene 1.0 U 0.010 1.0 106-46-7 1,4-Dichlorobenzene 1.0 U 0.010 1.0 78-93-3 2-Butanone 5.0 U 0.010 5.0 591-78-6 2-Hexanone 5.0 U 0.010 5.0 103-10-1 4-Methyl-2-pentanone 5.0 U 0.010 5.0 67-64-1 Acetone 5.0 U 0.010 5.0 71-43-2 Benzene 1.0 U 0.010 1.0 75-27-4 Bromodichloromethane 1.0 U 0.010 1.0 75-25-2 Bromoform 1.0 U 0.010 1.0 74-83-9 Bromomethane 1.0 U 0.010 1.0 75-15-0 Carbon disulfide 0.14 J 0.010 1.0 56-23-5 Carbon tetrachloride 1.0 U 0.010 1.0 108-90-7 Chlorobenzene 1.0 U	 						-
106-46-7 1,4-Dichlorobenzene 1.0 U 0.010 1.0 78-93-3 2-Butanone 5.0 U 0.010 5.0 591-78-6 2-Hexanone 5.0 U 0.010 5.0 103-10-1 4-Methyl-2-pentanone 5.0 U 0.010 5.0 67-64-1 Acetone 5.0 U 0.010 5.0 Q 71-43-2 Benzene 1.0 U 0.010 1.0 T.0							-
78-93-3 2-Butanone 5.0 U 0.010 5.0 € 591-78-6 2-Hexanone 5.0 U 0.010 5.0 103-10-1 4-Methyl-2-pentanone 5.0 U 0.010 5.0 € 67-64-1 Acetone 5.0 U 0.010 5.0 € 71-43-2 Benzene 1.0 U 0.010 1.0 1.0 75-27-4 Bromodichloromethane 1.0 U 0.010 1.0 1.0 75-27-4 Bromoform 1.0 U 0.010 1.0 1.0 75-25-2 Bromoform 1.0 U 0.010 1.0 <							4
591-78-6 2-Hexanone 5.0 U 0.010 5.0 103-10-1 4-Methyl-2-pentanone 5.0 U 0.010 5.0 67-64-1 Acetone 5.0 U 0.010 5.0 Q 71-43-2 Benzene 1.0 U 0.010 1.0 T.0 T.0 U 0.010 1.0 T.0 T.0 U 0.010 1.0 T.0 T.0 T.0 U 0.010 1.0 T.0 T.0 T.0 U 0.010 1.0 T.0 T.0 <td>}</td> <td> </td> <td></td> <td></td> <td></td> <td></td> <td>40</td>	}	 					40
103-10-1 4-Methyl-2-pentanone 5.0 U 0.010 5.0 R 67-64-1 Acetone 5.0 U 0.010 5.0 R 71-43-2 Benzene 1.0 U 0.010 1.0 75-27-4 Bromodichloromethane 1.0 U 0.010 1.0 75-25-2 Bromoform 1.0 U 0.010 1.0 74-83-9 Bromomethane 1.0 U 0.010 1.0 75-15-0 Carbon disulfide 0.14 J 0.010 1.0 56-23-5 Carbon tetrachloride 1.0 U 0.010 1.0 108-90-7 Chlorobenzene 1.0 U 0.010 1.0 75-00-3 Chloroform 1.0 U 0.010 1.0 67-66-3 Chloroform 1.0 U 0.010 1.0 74-87-3 Chloromethane 1.0 U 0.010 1.0 124-48-1 Dibromochloromethane 1.0] R
67-64-1 Acetone 5.0 U 0.010 5.0 R 71-43-2 Benzene 1.0 U 0.010 1.0 75-27-4 Bromodichloromethane 1.0 U 0.010 1.0 75-25-2 Bromoform 1.0 U 0.010 1.0 74-83-9 Bromomethane 1.0 U 0.010 1.0 75-15-0 Carbon disulfide 0.14 J 0.010 1.0 56-23-5 Carbon tetrachloride 1.0 U 0.010 1.0 108-90-7 Chlorobenzene 1.0 U 0.010 1.0 75-00-3 Chloroethane 1.0 U 0.010 1.0 67-66-3 Chloroform 1.0 U 0.010 1.0 74-87-3 Chloromethane 1.0 U 0.010 1.0 124-48-1 Dibromochloromethane 1.0 U 0.010 1.0 10061-01-5 cis-1,3-Dichloropropene 1.0							4
71-43-2 Benzene 1.0 U 0.010 1.0 75-27-4 Bromodichloromethane 1.0 U 0.010 1.0 75-25-2 Bromoform 1.0 U 0.010 1.0 74-83-9 Bromomethane 1.0 U 0.010 1.0 75-15-0 Carbon disulfide 0.14 J 0.010 1.0 56-23-5 Carbon tetrachloride 1.0 U 0.010 1.0 108-90-7 Chlorobenzene 1.0 U 0.010 1.0 75-00-3 Chloroethane 1.0 U 0.010 1.0 67-66-3 Chloroform 1.0 U 0.010 1.0 74-87-3 Chloromethane 1.0 U 0.010 1.0 124-48-1 Dibromochloromethane 1.0 U 0.010 1.0 1061-01-5 cis-1,3-Dichloropropene 1.0 U 0.010 1.0 10061-02-6 trans-1,3-Dichloropropene 1.0 <td< td=""><td>L</td><td></td><td></td><td></td><td></td><td></td><td>٦,</td></td<>	L						٦,
75-27-4 Bromodichloromethane 1.0 U 0.010 1.0 75-25-2 Bromoform 1.0 U 0.010 1.0 74-83-9 Bromomethane 1.0 U 0.010 1.0 75-15-0 Carbon disulfide 0.14 J 0.010 1.0 56-23-5 Carbon tetrachloride 1.0 U 0.010 1.0 108-90-7 Chlorobenzene 1.0 U 0.010 1.0 75-00-3 Chloroethane 1.0 U 0.010 1.0 67-66-3 Chloroform 1.0 U 0.010 1.0 74-87-3 Chloromethane 1.0 U 0.010 1.0 124-48-1 Dibromochloromethane 1.0 U 0.010 1.0 1061-01-5 cis-1,3-Dichloropropene 1.0 U 0.010 1.0 10061-02-6 trans-1,3-Dichloropropene 1.0 U 0.010 1.0		<u></u>					$\exists R$
75-25-2 Bromoform 1.0 U 0.010 1.0 74-83-9 Bromomethane 1.0 U 0.010 1.0 75-15-0 Carbon disulfide 0.14 J 0.010 1.0 56-23-5 Carbon tetrachloride 1.0 U 0.010 1.0 108-90-7 Chlorobenzene 1.0 U 0.010 1.0 75-00-3 Chloroethane 1.0 U 0.010 1.0 67-66-3 Chloroform 1.0 U 0.010 1.0 74-87-3 Chloromethane 1.0 U 0.010 1.0 124-48-1 Dibromochloromethane 1.0 U 0.010 1.0 10061-01-5 cis-1,3-Dichloropropene 1.0 U 0.010 1.0 10061-02-6 trans-1,3-Dichloropropene 1.0 U 0.010 1.0							-
74-83-9 Bromomethane 1.0 U 0.010 1.0 75-15-0 Carbon disulfide 0.14 J 0.010 1.0 56-23-5 Carbon tetrachloride 1.0 U 0.010 1.0 108-90-7 Chlorobenzene 1.0 U 0.010 1.0 75-00-3 Chloroethane 1.0 U 0.010 1.0 67-66-3 Chloroform 1.0 U 0.010 1.0 74-87-3 Chloromethane 1.0 U 0.010 1.0 124-48-1 Dibromochloromethane 1.0 U 0.010 1.0 10061-01-5 cis-1,3-Dichloropropene 1.0 U 0.010 1.0 10061-02-6 trans-1,3-Dichloropropene 1.0 U 0.010 1.0							_
75-15-0 Carbon disulfide 0.14 J 0.010 1.0 56-23-5 Carbon tetrachloride 1.0 U 0.010 1.0 108-90-7 Chlorobenzene 1.0 U 0.010 1.0 75-00-3 Chloroethane 1.0 U 0.010 1.0 67-66-3 Chloroform 1.0 U 0.010 1.0 74-87-3 Chloromethane 1.0 U 0.010 1.0 124-48-1 Dibromochloromethane 1.0 U 0.010 1.0 10061-01-5 cis-1,3-Dichloropropene 1.0 U 0.010 1.0 10061-02-6 trans-1,3-Dichloropropene 1.0 U 0.010 1.0							_
56-23-5 Carbon tetrachloride 1.0 U 0.010 1.0 108-90-7 Chlorobenzene 1.0 U 0.010 1.0 75-00-3 Chloroethane 1.0 U 0.010 1.0 67-66-3 Chloroform 1.0 U 0.010 1.0 74-87-3 Chloromethane 1.0 U 0.010 1.0 124-48-1 Dibromochloromethane 1.0 U 0.010 1.0 10061-01-5 cis-1,3-Dichloropropene 1.0 U 0.010 1.0 10061-02-6 trans-1,3-Dichloropropene 1.0 U 0.010 1.0							4
108-90-7 Chlorobenzene 1.0 U 0.010 1.0 75-00-3 Chloroethane 1.0 U 0.010 1.0 67-66-3 Chloroform 1.0 U 0.010 1.0 74-87-3 Chloromethane 1.0 U 0.010 1.0 124-48-1 Dibromochloromethane 1.0 U 0.010 1.0 10061-01-5 cis-1,3-Dichloropropene 1.0 U 0.010 1.0 10061-02-6 trans-1,3-Dichloropropene 1.0 U 0.010 1.0							4
75-00-3 Chloroethane 1.0 U 0.010 1.0 67-66-3 Chloroform 1.0 U 0.010 1.0 74-87-3 Chloromethane 1.0 U 0.010 1.0 124-48-1 Dibromochloromethane 1.0 U 0.010 1.0 10061-01-5 cis-1,3-Dichloropropene 1.0 U 0.010 1.0 10061-02-6 trans-1,3-Dichloropropene 1.0 U 0.010 1.0							4
67-66-3 Chloroform 1.0 U 0.010 1.0 74-87-3 Chloromethane 1.0 U 0.010 1.0 124-48-1 Dibromochloromethane 1.0 U 0.010 1.0 10061-01-5 cis-1,3-Dichloropropene 1.0 U 0.010 1.0 10061-02-6 trans-1,3-Dichloropropene 1.0 U 0.010 1.0							4
74-87-3 Chloromethane 1.0 U 0.010 1.0 124-48-1 Dibromochloromethane 1.0 U 0.010 1.0 10061-01-5 cis-1,3-Dichloropropene 1.0 U 0.010 1.0 10061-02-6 trans-1,3-Dichloropropene 1.0 U 0.010 1.0	L					·	4
124-48-1 Dibromochloromethane 1.0 U 0.010 1.0 10061-01-5 cis-1,3-Dichloropropene 1.0 U 0.010 1.0 10061-02-6 trans-1,3-Dichloropropene 1.0 U 0.010 1.0	L	 					_
10061-01-5 cis-1,3-Dichloropropene 1.0 U 0.010 1.0 10061-02-6 trans-1,3-Dichloropropene 1.0 U 0.010 1.0						·	_
10061-02-6 trans-1,3-Dichloropropene 1.0 U 0.010 1.0						1.0	
 							
100-41-4 Ethylbenzene 1.0 U 0.010 1.0		rans-1,3-Dichloropropene	1.0	U	0.010	1.0	╛
	100-41-4	Ethylbenzene	1.0	Ú	0.010	1.0	J

SAMPLE NO.

SK-GW60-1016

Lab Name: GCAL	Contract:			· ·	
Lab Code: LA024 Case No					20839
Matrix: (soil/water) Water	and the transmission of the block to the second states.				
Sample wt/vol: 25 (g/ml) mL		Lab Sample ID:	2051208391	7	
Level: (low/med)	t grammer and the contract to the contract grammer and the contract to the contract grammer and the contract to				
% Moisture: not dec.	to desirate and the second of				1420
GC Column: DB-624-30M ID:		Date Received:	12/10/05		in Adult Kontrolik Lands - Market Landston Sammer School Co.
Instrument ID: MSV4	ndd rogae oeraen ekk - Akk ekkeller (Ph. Jakuber, bardes) as boud				1805
Soil Extract Volume:					RJO
Soil Aliquot Volume:		Prep Batch:			l Batch: 309371
CONCENTRATION UNITS: ug/L		Analytical Method:			
CAS NO. COMPOUND		RESULT	Q	MDL	RL
75-09-2 Methylene chloride		2.0	U	0.010	2.0
100-42-5 Styrene		1.0	U	0.010	1.0
127-18-4 Tetrachloroethene		1.0	U	0.010	1.0
108-88-3 Toluene		1.0	U	0.010	1.0
79-01-6 Trichloroethene		1.0	U	0.010	1.0
75-01-4 Vinyl chloride		1.0	U	0.010	1.0
1330-20-7 Xylene (total)		1.0	U	0.010	1.0

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VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

SAIVIFEE NO.
SK-GW60-1016

Lab Name: GCAL	Contract:	er yez anga germane yez alimpaneya yannan na gerba yayanyan yayibilin naya masa n		- -	
Lab Code: LA024 Case No.:	entire is "the disease september and september a section.	SAS No.:	Transcourse assessment to a secretar of transcourse	SDG No.: 205	5120839
Matrix: Water	and the same of th	Lab Sample ID:	20512083917	en filt W. Tananana se sa sandika di danah pirasa sa	udlau habeshapan semilir hayensanin semilir dist
Sample wt/vol: Units:	and a Through supply and a second second	Lab File ID: 208	51213/U9345	MARY MUNICIPAL AND THE SAME STORY STORY SEE	demontes and the ofference of respect to the contract of the c
Level: (low/med)	niconamic makings broke inc.	Date Collected:	12/08/05	Time:	1420
% Moisture: not dec.		Date Received:	12/10/05	thad differ suspecting parameter and summary of the factors	ndakaki maha kanpagay ja ayang kiyayo ay papanoga serikakan es sa
GC Column: DB-624-30M ID: .53	(mm)	Date Analyzed:	12/13/05	Time:	1805
Instrument ID: MSV4	To take the a space of the latest the latest terms.	Dilution Factor:	1	Analyst	: RJO
Soil Extract Volume:	(µL)				
So I Aliquot Volume:	(µL)				
Number TICs Found: 0					
CONCENTRATION UNITS: ug/L					
CAS NO. COMPOUND		RT	EST.	CONC.	Q
1. No tics detected					

SAMPLE NO.

SK-GWEB-1016

					L	
Lab Name: GC	CAL Co.	ntract:	and address where the other come and a reference because the description of		Tallio Louisson, Allino C.	
	024 Case No.:					839
	r) Water			THE PERSON NAMED IN	No or this companies which is an	the state and a company to the state of the
				205120920	10	
Sample wovo:	25 (g/ml) mL	mane are set to first, uniqueses			18 	
Leve : (low/med)	An age apply they werker to they were any success of the common and a common and the second	and the second section of the section of the second section of the	Lab File ID: 205	1213/U9333	والمراوعة ومعروع المراعد الماد المساملية	The second second second
% Moisture: not d	lec.				Time: 14	
	B-624-30M ID: .53				destruction of the first time of the second states of the second	
	MSV4				Time: 13	
Soil Extract Volur	me:	(µL)			Analyst:	
Soil Aliquot Volun	ne:	(µL)	Prep Batch:	ma e dagas se seguenciano esc	Analytical	Batch: 309371
CONCENTRA	TION UNITS: ug/L		Analytical Method:			
CONCENTRA	· ·					
CAS NO.	COMPOUND		RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane		1.0	U	0.010	1.0
79-34-5	1,1,2,2-Tetrachloroethane		1.0	U	0.010	1.0
79-00-5	1,1,2-Trichloroethane		1.0	U	0.010	1.0
75-34-3	1,1-Dichloroethane		1.0	U	0.010	1.0
75-35-4	1,1-Dichloroethene		1.0	U	0.010	1.0
120-82-1	1,2,4-Trichlorobenzene		1.0	U	0.010	1.0
106-93-4	1,2-Dibromoethane		1.0	U	0.010	1.0
95-50-1	1,2-Dichlorobenzene		1.0	Ų	0.010	1.0
107-06-2	1,2-Dichloroethane		1.0	U	0.010	1.0
540-59-0	1,2-Dichloroethene		1.0	Ų	0.010	1.0
78-87-5	1,2-Dichloropropane		1.0	U	0.010	1.0
541-73-1	1,3-Dichlorobenzene		1.0	U	0.010	1.0
106-46-7	1,4-Dichlorobenzene		1.0	U	0.010	1.0
78-93-3	2-Butanone		5.0	U	0.010	5.0
591-78-6	2-Hexanone		5.0	U	0.010	5.0
108-10-1	4-Methyl-2-pentanone		5.0	U	0.010	5.0
67-64-1	Acetone		5.0	U	0.010	5.0
71-43-2	Benzene		1.0	U	0.010	1.0
75-27-4	Bromodichloromethane		1.0	U	0.010	1.0
75-25-2	Bromoform		1.0	υ	0.010	1.0
74-83-9	Bromomethane		1.0	U	0.010	1.0
75-15-0	Carbon disulfide		8.4		0.010	1.0
56-23-5	Carbon tetrachloride		1.0	U	0.010	1.0
108-90-7	Chlorobenzene		1.0	U	0.010	1.0
75-00-3	Chloroethane		1.0	υ	0.010	1.0
67-66-3	Chloroform		1.0	Ú	0.010	1.0
74-87-3	Chloromethane		1.0	U	0.010	1.0
124-48-1	Dibromochloromethane		1.0	U	0.010	1.0
10:061-01-5	cis-1,3-Dichloropropene		1.0	Ú	0.010	1.0
10061-02-6	trans-1,3-Dichloropropene		1.0	U	0.010	1.0
100-41-4	Ethylbenzene		1.0	U	0.010	1.0

FORM I VOA

SAMPLE	NO.
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 SK-GWEB-1016	

ab Name: GCAL Contract:	فينسد ودفواد ينجد فللكاري للكافات المرسوديين دين	manus apagent madified to a personal relation of the	office - throughthour	
ab Code: LA024 Case No.:			SDG No.: 205120	839
atrix: (soil/water) Water				
ample wt/vol: 25 (g/ml) mL		2051208391	8	transmin and records and area. More resource
evel: (low/med)	Lab Eila ID: 20	151213/119333		
Moisture: not dec.	Date Collected;	12/08/05	Time: 14	33
C Column: DB-624-30M ID: .53 (mr			A minimum majaw majaw mini M nagariwi sawa	
strument ID: MSV4			Time: 13	
pil Extract Volume: (μl		1	Analyst:	RJO
рії Aliquot Volume: (μί				Batch: 309371
CONCENTRATION UNITS: ug/L	Analytical Metho			
CAS NO. COMPOUND	RESULT	Q	MDL	RL
75-09-2 Methylene chloride	0.24	J	0.010	2.0
100-42-5 Styrene	1.0	U	0.010	1.0
127-18-4 Tetrachioroethene	1.0	Ú	0.010	1.0
108-88-3 Toluene	1.0	U	0.010	1.0
		U	0.010	1.0
79-01-6 Trichloroethene	1.0	1 0	0.070	1.0
73-01-6 Trichloroethene 75-01-4 Vinyl chloride	1.0	1 0	0.010	1.0

1E VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.	
SK-GWEB-1016	

Lab Name: GCAL	_Contract:	an and the same specific to the control of public control of the c			
Lab Code: LA024 Case No.:	aglyggynganthalft, Millioner pandyggyggy, o'r had	SAS No.:		SDG No.: 205	5120839
Matrix: Water	n. ung grabbiller nya myya tanggaran	Lab Sample ID:	2051208391	8	an an hawainin ala wikh an ankan minu hara hara ha a
Sample wt/vol: Units:	embles s application and the second of the s	Lab File ID: 20	51242/10222		a nga di 1800 1886 yarithiya yi 180000 Wasa di . Jisayayare saa
Level: (low/med)		Date Collected:	12/08/05	Time:	1433
% Moisture: not dec.	antagiga del Mariodo Filosoppopo e	Date Received:	12/10/05	and the second control of the second	ABOUT The confessor whose is some transcriptions or acceptance to
GC Column: DB-624-30M ID: .53	(mm)	Date Analyzed:	12/13/05	Time:	1323
Instrument ID: MSV4		Dilution Factor:	1	Anaiyst	: RJO
Soil Extract Volume:	(µL)				
Soil Aliquot Volume:	(µL)				
Number TICs Found: 0					
CONCENTRATION UNITS: ug/L					
CAS NO. COMPOUND		RT	EST.	CONC.	Q
1 No tics detected					

SAMPLE NO.

SK-GWTB-1016

					i	
Lati Name: GC	Cor	ntract:		han ya akipi 10 dawik iliyang bay ya Wakiba		
	24 Case No.:					339
) Water		effection galages ou glass sain infection on	and and the second second		yaa sagan naasaa — aga a na aray ay ayahaadaan dhiiska maadan oo oo o
			l ob Comeia ID:	20542002040		
	25 (g/ml) mL		Lab Sample ID:			
.evel: (low/med)	- water from the property of the party and the first of the first on the first one first on the first on the first on the first one first on the first one first	and 174 house of the property of	Lab File ID: 205	1213/U9337	en newfateresponing a graphysic trops than a	
	ec.		Date Collected:			
	B-624-30M ID: .53		Date Received:			a formation of the second seco
	MSV4		Date Analyzed:			
OII EXTRACT VOIUN	ne:	(hr)	Dilution Factor:			
ioil Aliquot Volum	16; 	(µL)	Prep Batch:	manus medicanam ana mining alam a nyintrational	Analytical E	Batch: 309371
COMOCNEDA	FION LINITE: "		Analytical Method:			
CONCENTRAT	TION UNITS: ug/L		•	and were not remove thinks a never	**************************************	
CAS NO.	COMPOUND		RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane		1.0	U	0.010	1.0
79-34-5	1,1,2,2-Tetrachloroethane		1.0	U	0.010	1.0
79-00-5	1,1,2-Trichloroethane		1.0	U	0.010	1.0
75-34-3	1,1-Dichloroethane		1.0	U	0.010	1.0
75-35-4	1,1-Dichloroethene		1.0	U	0.010	1.0
120-82-1	1,2,4-Trichlorobenzene		1.0	U	0.010	1.0
105-93-4	1,2-Dibromoethane		1.0	U	0.010	1.0
95-50-1	1,2-Dichlorobenzene	·	0.32	J	0.010	1.0
107-06-2	1,2-Dichloroethane		1.0	U	0.010	1.0
540-59-0	1,2-Dichloroethene		1.0	U	0.010	1.0
78-87-5	1,2-Dichloropropane		1.0	U	0.010	1.0
541-73-1	1,3-Dichlorobenzene		1.0	U	0.010	1.0
106-46-7	1,4-Dichlorobenzene		1.0	U	0.010	1.0
78-93-3	2-Butanone		5.0	U	0.010	5.0
591-78-6	2-Hexanone		5.0	U	0.010	5.0
108-10-1	4-Methyl-2-pentanone		5.0	U	0.010	5.0
67-64-1	Acetone	,	5.0	U	0.010	5.0
71-43-2	Benzene		1.0	U	0.010	1.0
75-27-4	Bromodichloromethane		1.0	U	0.010	1.0
75-25-2	Bromoform		1.0	U	0.010	1.0
74-83-9	Bromomethane		1.0	U	0.010	1.0
75-15-0	Carbon disulfide		1.0	U	0.010	1.0
56-23-5	Carbon tetrachloride		1.0	U	0.010	1.0
108-90-7	Chlorobenzene		1.0	U	0.010	1.0
75-00-3	Chloroethane		1.0	U	0.010	1.0
67-66-3	Chloroform		1.0	U	0.010	1.0
74-97-3	Chloromethane		1.0	U	0.010	1.0
124-48-1	Dibromochloromethane		1.0	U	0.010	1.0
10061-01-5	cis-1,3-Dichloropropene		1.0	U	0.010	1.0
10061-02-6	trans-1,3-Dichloropropene		1.0	U	0.010	1.0
10C-41-4	Ethylbenzene		1.0	Ü	0.010	1.0

FORM I VOA

000111

SAMPLE NO.	
SK-GWTB-1016	

Lab Name: GC/	AL C	ontract:	And the second second second of the second o	. man a manufacture o describe de	allers also to come	
	Case No.:					0839
Matrix: (soil/water)	Water					
	25 (g/ml) mL		Lab Sample ID:	20512083919) Mai 1884 - Mai 18 Mai	materials of process to be assumed to the
Level: (low/med)	agent connection of the transmission of course beganning to the make the transmission	THE TRACE IS NOT THE PERSON	Lab File ID: 205	1213/119337		year risancer or concerns tours a respect to the
	C.		Date Collected:	MANAGES - MANAGES - 10 - 10 - 10 - 10 - 10 - 10 - 10 - 1	Time:	
	-624-30M ID: .53					of the section of the
Instrument ID: M	ISV4				Time: 1	
Soil Extract Volum						RJO
Soil Aliquot Volume	e:		Prep Batch:	and the second s	Analytical	Batch: 309371
CONCENTRATI	ON UNITS: ug/L		Analytical Method:	OLCO 2.1	arin ar general trade to a superior and the second	
CAS NO.	COMPOUND		RESULT	Q	MDL	RL
75-09-2	Methylene chloride		0.46	J	0.010	2.0
100-42-5	Styrene		1.0	U	0.010	1.0
127-18-4	Tetrachloroethene		1.0	U	0.010	1.0
108-88-3	Toluene		1.0	U	0.010	1.0
79-01-6	Trichloroethene		1.0	U	0.010	1.0
75-01-4	Vinyl chloride		1.0	U	0.010	1.0
1330-20-7	Xylene (total)		1.0	U	0.010	1.0

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VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.	
 SK-GWTB-1016	

Lab Name: GCAL	_Contract:	. Witnesser office depropagation may dispers before to come and wronds broken tracket		
Lab Code: LA024 Case No.:	lle after and make follow yeary - major along supports. Well thinkings	SAS No.:	SDG No.: 205	120839
Matrix: Water	novenským pompor skuproje skuproje kad drivádilo se	Lab Sample ID:	20512083919	waaynaan Walaa ka ka badanka kansa ka
Sample wt/vol: Units:	ng na naga ang kalang ng kalang	Lab File ID: 205	51213/U9337	nggy roog rook (Anthryd Boorgh). Wyd di rookgere op di by chij chij colore e e e e
Level: (low/med)		Date Collected:	Time:	ee y waa naa' hoof sahirina anaan iy wan ii siyina iiyon ii in
% Moisture: not dec.	SHE HAVE TO SEE WATER SPINS	Date Received:	12/10/05	and the second of the second o
GC Column: DB-624-30M ID: .53	(mm)	Date Analyzed:	12/13/05 Time:	1457
Instrument ID: MSV4	motors defining as a designed for	Dilution Factor:	1 Analyst:	RJO
Scil Extract Volume:	(µL)			
Soil Aliquot Volume:	(µL)			
Number TICs Found: 0				
CONCENTRATION UNITS: ug/L				
CAS NO. COMPOUND		RT	EST. CONC.	Q
1. No tics detected				

Sample ID: SK-GW06R-1016 Lab Name: GCAL Lab Code: LA024 Case No.: SAS No.: SDG No.: 205120839 Lab File ID: 2060103/B7866 Matrix: Water Lab Sample ID: 20512083901 Sample wt/vol: 1000 Units: mL Date Collected: 12/06/05 Time: 1326 Level: (low/med) LOW Date Received: 12/08/05 Date Extracted: 12/12/05 % Moisture: decanted: (Y/N) Date Analyzed: 01/03/06 Time: 1800 ID: .25 GC Column: DB-5MS-30M (mm) Dilution Factor: 1 Concentrated Extract Volume: 1000 Analyst: JAR3 (µL) Prep Method: OLM4.2 SVOA Injection Volume: 1.0 (μL) Analytical Method: OLMO 4.2 GPC Cleanup: (Y/N) N pH: Instrument ID: MSSV3 CONCENTRATION UNITS: ug/L Analytical Batch: 311661 Prep Batch: 309219 CAS NO. COMPOUND RESULT Q MDL RL95-95-4 2,4,5-Trichlorophenol 10.0 Ū 0.010 10.0 88-06-2 10.0 2,4,6-Trichlorophenol Ū 0.010 10.0 120-83-2 2,4-Dichlorophenol 10.0 Ü 0.010 10.0 25.0 51-28-5 2,4-Dinitrophenol U 0.010 25.0 121-14-2 10.0 2.4-Dinitrotoluene U 0.010 10.0 606-20-2 2,6-Dinitrotoluene 10.0 Ü 0.010 10.0 91-58-7 2-Chloronaphthalene 10.0 U 10.0 0.010 95-57-8 10.0 υ 0.010 10.0 2-Chlorophenol 91-57-6 10.0 U 2-Methylnaphthalene 0.010 10.0 88-74-4 25.0 2-Nitroaniline Ū 0.010 25.0 88-75-5 2-Nitrophenol 10.0 u 0.010 10.0 91-94-1 3.3'-Dichlorobenzidine 10.0 U 0.010 10.0 99-09-2 25.0 Ū 25.0 3-Nitroaniline 0.010 534-52-1 2-Methyl-4,6-dinitrophenol 25.0 Ū 0.010 25.0 10.0 59-50-7 4-Chloro-3-methylphenol U 0.010 10.0 106-47-8 10.0 Ū 4-Chloroaniline 0.010 10.0 7005-72-3 4-Chlorophenyl-phenylether 10.0 Ū 0.010 10.0 4-Methylphenol (p-Cresol) 10.0 Ū 10.0 106-44-5 0.010 83-32-9 10.0 Ū 10.0 Acenaphthene 0.010 10.0 208-96-8 Ū Acenaphthylene 0.010 10.0 120-12-7 Anthracene 10.0 Ū 0.010 10.0 56-55-3 Benzo(a)anthracene 10.0 Ū 0.010 10.0 50-32-8 10.0 Ū Benzo(a)pyrene 0.010 10.0 205-99-2 Benzo(b)fluoranthene 10.0 Ū 0.010 10.0 191-24-2 Benzo(g,h,i)perylene 10.0 U 0.010 10.0 207-08-9 10.0 Ū 0.010 Benzo(k)fluoranthene 10.0 111-91-1 Bis(2-Chloroethoxy)methane 10.0 U 0.010 10.0

10.0

10.0

Ü

Ū

0.010

0.010

111-44-4

108-60-1

Bis(2-Chloroethyl)ether

bis(2-Chloroisopropyl)ether

10.0

10.0

Sample ID: SK-GW06R-1016 Lab Name: GCAL Case No.: Contract: Lab Code: LA024 Lab File ID: 2060103/B7866 SDG No.: 205120839 SAS No.: Matrix: Water Lab Sample ID: 20512083901 Sample wt/vol: 1000 Units: mL Date Collected: 12/06/05 Time: 1326 Date Received: 12/08/05 Level: (low/med) LOW Date Extracted: 12/12/05 decanted: (Y/N) % Moisture: Date Analyzed: 01/03/06 Time: 1800 GC Column: DB-5MS-30M ID: .25 (mm) Dilution Factor: 1 Analyst: JAR3 Concentrated Extract Volume: 1000 (µL) Prep Method: OLM4.2 SVOA Injection Volume: 1.0 (µL) Analytical Method: OLMO 4.2 GPC Cleanup: (Y/N) N pH: Instrument ID: MSSV3 CONCENTRATION UNITS: ug/L Prep Batch: 309219 Analytical Batch: 311661 CAS NO. **COMPOUND** RESULT Q MDL RL 10.014 117-81-7 JB 0.010 10.0 U bis(2-ethylhexyl)phthalate 10.0 101-55-3 4-Bromophenyl-phenylether 10.0 U 0.010 85-68-7 Butylbenzylphthalate 10.0 U 0.010 10.0 86-74-8 Carbazole 10.0 U 0.010 10.0 218-01-9 10.0 Ü 0.010 10.0 Chrysene 84-74-2 Di-n-butylphthalate 10.0 Ū 0.010 10.0 117-84-0 Di-n-octylphthalate 10.0 U 0.010 10.0 10.0 53-70-3 Dibenz(a,h)anthracene U 0.010 10.0 10.0 Ū 10.0 132-64-9 Dibenzofuran 0.010 10.0 U 0.010 10.0 84-66-2 Diethylphthalate 131-11-3 Dimethyl-phthalate 10.0 Ū 0.010 10.0 105-67-9 10.0 U 0.010 10.0 2,4-Dimethylphenol 206-44-0 Fluoranthene 10.0 Ū 0.010 10.0 86-73-7 10.0 10.0 Fluorene U 0.010 118-74-1 10.0 Ū 0.010 10.0 Hexachlorobenzene 87-69-3 Hexachlorobutadiene 10.0 Ū 0.010 10.0 77-47-4 Hexachlorocyclopentadiene 10.0 Ū 0.010 10.0 10.0 10.0 67-72-1 Hexachloroethane Ħ 0.010 193-39-5 10.0 Ū 0.010 10.0 Indeno(1,2,3-cd)pyrene 78-59-1 Isophorone 10.0 Ū 0.010 10.0 91-20-3 10.0 11 0.010 10.0 Naphthalene 25.0 Ū 0.010 25.0 100-01-6 4-Nitroaniline 98-95-3 10.0 Ū 0.010 10.0 Nitrobenzene 25.0 100-02-7 4-Nitrophenol 25.0 Ū 0.010 87-86-5 Pentachlorophenol 25.0 Ū 0.010 25.0 85-01-8 Phenanthrene 10.0 U 0.010 10.0 10.0 108-95-2 Phenol U 0.010 10.0 129-00-0 10.0 U 0.010 10.0 Pyrene 621-64-7 N-Nitroso-di-n-propylamine 10.0 U 0.010 10.0

Lab Name: GCAL	Sample ID: SK-GW06R-1016				
Lab Code: LA024 Case No.:	Contract:				
SAS No.: SDG No.: 205120839	Lab File ID: 2060103/B7866				
Matrix: Water	Lab Sample ID: 20512083901				
Sample wt/vol: 1000 Units: mL	Date Collected: 12/06/05 Time: 1326				
Level: (low/med) LOW	Date Received: 12/08/05				
% Moisture: decanted: (Y/N)	Date Extracted: 12/12/05				
GC Column: DB-5MS-30M ID: .25 (mm)	Date Analyzed: 01/03/06 Time: 1800				
Concentrated Extract Volume: 1000 (µL)	Dilution Factor: 1 Analyst: JAR3				
Injection Volume: 1.0 (µL)	Prep Method: OLM4.2 SVOA				
GPC Cleanup: (Y/N) N pH:	Analytical Method: OLMO 4.2 Instrument ID: MSSV3				
CONCENTRATION UNITS: ug/L	Prep Batch: 309219 Analytical Batch: 311661				
CAS NO. COMPOUND	RESULT Q MDL RL				
86-30-6 N-Nitrosodiphenylamine	10.0 U 0.010 10.0				
95-48-7 o-Cresol	10.0 U 0.010 10.0				

1F SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: G	CAL		Sample ID: SK-	-GW06R-1016	**************************************
Lat Code: LA	024 Case No.:		Contract:		
	SDG No.: 20512		Lab File ID: 20	60103/B7866	
Matrix: Water	general state of the state of t	processor was	Lab Sample ID:	20512083901	
Sample wt/vol:	Units:		Date Collected:		Time: 1326
Level: (low/med	() <u></u>		Date Received:	12/08/05	and the second and the second
% Moisture: not			Date Extracted:	12/12/05	
GC Column: E	DB-5MS-30M ID: .25	(mm)	Date Analyzed:	01/03/06	Time: 1800
	xtract Volume: 1000		Dilution Factor:	1	Analyst: JAR3
	e: 1.0		Prep Method:	0LM 04.	2
	(Y/N) N pH:		Analytical Metho	d: SW-846 8270C	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	and the second of the second		Instrument ID:		
Number TIC	Cs Found: 3				
CONCENT	RATION UNITS:ug/L				
CAS NO.	COMPOUND		RT	EST. COM	VC. Q
1. 57-10-3	Hexadecanoic acid	 	4.652	2.32	
2. 115-28-6	Bicyclo[2.2.1]hept-5-ene-2,3-d		4.766	4.28	
3	Unknown		5.379	7.31	

3/4/26

Lab Name:	GCAL	Sample ID:	SK-GW63-1	016	
Lat Code: L	_A024	Contract:		THE THE WINDS SIEF MARK III .	
SAS No.:	SDG No.: 205120839			867	
	•				en e
Matrix: Wat		Lab Sample II	D: 2051208	33903	
Sample wt/voi	l: 1000 Units: mL	Date Collecte	d: 12/07/0	5 Time:	1332
Level: (low/me	ed) LOW	Date Received	d: 12/08/05	5	***
% Moisture:	decanted: (Y/N)	Date Extracted	d: 12/12/05	5	
		Date Analyze	d: 01/03/06	Time:	1815
	DB-5MS-30M ID: .25 (mm)				
Concentrated	Extract Volume: 1000 (µL)			Analy	
Injection Volu	me: 1.0 (µL)	Prep Method:	OLM4.2 S	VOA	
GPC Cleanup	: (Y/N) N pH:	Analytical Met	hod: OLM	0 4.2	
	· · · · · · · · · · · · · · · · · · ·				
CONCENTRA	ATION UNITS: ug/L				
	•			Analytical Bat	
CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10.0	U	0.010	10.0
88-C6-2	2,4,6-Trichlorophenol	10.0	U	0.010	10.0
120-83-2	2,4-Dichlorophenol	10.0	U	0.010	10.0
51-28-5	2,4-Dinitrophenol	25.0	U	0.010	25.0
121-14-2	2,4-Dinitrotoluene	10.0	U	0.010	10.0
606-20-2	2,6-Dinitrotoluene	10.0	U	0.010	10.0
91-58-7	2-Chloronaphthalene	10.0	U	0.010	10.0
95-57-8	2-Chlorophenol	10.0	U	0.010	10.0
91-57-6	2-Methylnaphthalene	10.0	U	0.010	10.0
88-74-4	2-Nitroaniline	25.0	U	0.010	25.0
88-75-5	2-Nitrophenol	10.0	U	0.010	10.0
91-94-1	3,3'-Dichlorobenzidine	10.0	U	0.010	10.0
99-09-2	3-Nitroaniline	25.0	U	0.010	25.0
534-52-1	2-Methyl-4,6-dinitrophenol	25.0	U	0.010	25.0
59-50-7	4-Chloro-3-methylphenol	10.0	U	0.010	10.0
106-47-8	4-Chloroaniline	10.0	U	0.010	10.0
7005-72-3	4-Chlorophenyl-phenylether	10.0	U	0.010	10.0
106-44-5	4-Methylphenol (p-Cresol)	10.0	U	0.010	10.0
83-32-9	Acenaphthene	10.0	U	0.010	10.0
208-96-8	Acenaphthylene	10.0	U	0.010	10.0
120-12-7	Anthracene	10.0	U	0.010	10.0
56-55-3	Benzo(a)anthracene	10.0	U	0.010	10.0
50-32-8	Benzo(a)pyrene	10.0	U	0.010	10.0
205-99-2	Benzo(b)fluoranthene	10.0	U	0.010	10.0
191-24-2	Benzo(g,h,i)perylene	10.0	U	0.010	10.0
207-08-9	Benzo(k)fluoranthene	10.0	Ü	0.010	10.0
111-91-1	Bis(2-Chloroethoxy)methane	10.0	Ü	0.010	10.0
111-44-4	Bis(2-Chloroethyl)ether	10.0	Ü	0.010	10.0
108-60-1	bis(2-Chloroisopropyl)ether	10.0	Ü	0.010	10.0
	[[_	2.0.0	. 5.0

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Sample ID: SK-GW63-1016 Lab Name: GCAL Contract: Case No.: Lab Code: LA024 SAS No.: SDG No.: 205120839 Lab File ID: 2060103/B7867 Matrix: Water Lab Sample ID: 20512083903 Units: mL Time: 1332 Date Collected: 12/07/05 Sample wt/vol: 1000 Level: (low/med) LOW Date Received: 12/08/05 -----Date Extracted: 12/12/05 % Moisture: decanted: (Y/N) ID: .25 Date Analyzed: 01/03/06 Time: 1815 (mm) GC Column DB-5MS-30M Dilution Factor: 1 Analyst: JAR3 Concentrated Extract Volume: 1000 (μL) Prep Method: OLM4.2 SVOA Injection Volume: 1.0 (µL) Analytical Method: OLMO 4.2 pH: GPC Cleanup: (Y/N) N Instrument ID: MSSV3 CONCENTRATION UNITS: ug/L Analytical Batch: 311661 Prep Batch: 309219 **COMPOUND** RESULT MDL CAS NO. Q RL0.C164 117-81-7 bis(2-ethylhexyl)phthalate JB 0.010 10.0 1(1 4-Bromophenyl-phenylether 101-55-3 10.0 Ū 0.010 10.0 Ū 85-68-7 10.0 0.010 10.0 Butylbenzylphthalate 86-74-8 Carbazole 10.0 Ū 0.010 10.0 218-01-9 Chrysene 10.0 U 0.010 10.0 84-74-2 10.0 Ū Di-n-butylphthalate 0.010 10.0 117-84-0 IJ Di-n-octylphthalate 10.0 0.010 10.0 53-70-3 Dibenz(a,h)anthracene 10.0 U 0.010 10.0 132-64-9 Dibenzofuran 10.0 U 0.010 10.0 84-66-2 Diethylphthalate 10.0 Ū 0.010 10.0 U 131-11-3 Dimethyl-phthalate 10.0 0.010 10.0 105-67-9 10,0 Ū 0.010 10.0 2,4-Dimethylphenol 206-44-0 Ū 0.010 Fluoranthene 10.0 10.0 86-73-7 Fluorene 10.0 U 0.010 10.0 U 118-74-1 Hexachlorobenzene 10.0 0.010 10.0 87-68-3 10.0 Ū 0.010 10.0 Hexachlorobutadiene 77-47-4 U Hexachlorocyclopentadiene 10.0 0.010 10.0 67-72-1 Hexachloroethane 10.0 U 0.010 10.0 193-39-5 Indeno(1,2,3-cd)pyrene 10.0 Ū 0.010 10.0 78-59-1 10.0 U 0.010 10.0 Isophorone 91-20-3 10.0 Ū 0.010 10.0 Naphthalene 100-(1-6 25.0 Ū 25.0 4-Nitroaniline 0.010 98-95-3 Nitrobenzene 10.0 Ū 0.010 10.0 100-02-7 4-Nitrophenol 25.0 U 0.010 25.0 87-8€-5 Pentachlorophenol 25.0 Ū 0.010 25.0 85-01-8 Phenanthrene 10.0 U 0.010 10.0 108-95-2 Phenol 10.0 U 0.010 10.0 129-00-0 Pyrene 10.0 U 0.010 10.0 621-64-7 N-Nitroso-di-n-propylamine 10.0 U 0.010 10.0

Lat Name: G	CAL	Sample ID: SK-GW63-1016
Lat Code: LA	024 Case No.:	Contract:
SAS No.:	SDG No.: 205120839	Lab File ID: 2060103/B7867
Matrix: Water	·	Lab Sample ID: 20512083903
Sample wt/vol:	1000 Units: mL	Date Collected: 12/07/05 Time: 1332
Level: (low/med) LOW	Date Received: 12/08/05
	decanted: (Y/N)	Date Extracted: 12/12/05
GC Column: [DB-5MS-30M ID: .25 (mm)	Date Analyzed: 01/03/06 Time: 1815
Concentrated E	xtract Volume: 1000 (μL)	Dilution Factor: 1 Analyst: JAR3
Injection Volum	e: 1.0 (µL)	Prep Method: OLM4.2 SVOA
GPC Cleanup: ((Y/N) N pH:	Analytical Method: OLMO 4.2
		Instrument ID: MSSV3
CONCENTRAT	ION UNITS: ug/L	Prep Batch: 309219 Analytical Batch: 311661
CAS NO.	COMPOUND	RESULT Q MDL RL
86-30-6	N-Nitrosodiphenylamine	10.0 U 0.010 10.0
95-48-7	o-Cresol	10.0 U 0.010 10.0

1F SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL	Sample ID: SK-GW63-1016
Lab Code: LA024 Case No.:	Contract:
SAS No.: SDG No.: 205120839	Lab File ID: 2060103/B7867
Matrix: Water	Lab Sample ID: 20512083903
Sample wt/vol: Units:	Date Collected: 12/07/05 Time: 1332
Level: (low/med)	Date Received: 12/08/05
% Moisture: not dec.	Date Extracted: 12 112)=>5
GC Column: DB-5MS-30M ID: .25 (mm)	Date Analyzed: 01/03/06 Time: 1815
Concentrated Extract Volume: 1000 (µL)	Dilution Factor: 1 Analyst: JAR3
Injection Volume: 1.0 (µL)	Prep Method: OLIYI O.4.7
GPC Cleanup: (Y/N) N pH:	Analytical Method: SW-846 8270C
The state of the s	Instrument ID: MSSV3
Number TICs Found: 3	
CONCENTRATION UNITS:ug/L	
CAS NO. COMPOUND	RT EST. CONC. Q
1. 115-28-6 Bicyclo[2.2.1]hept-5-ene-2,3-d	4.769 4.54
2. 57-11-4 Octadecanoic acid	5.14 6.93
3. 1120-07-6 Nonanamide	5.189 2.76

7/8/26

Lab Name: (GCAL	Sample ID:	SK-GW64-1	016	
•	A024 Case No.:	-			
SAS No.:	SDG No.: 205120839				
				868	vert of
Matrix: Wate		Lab Sample II	D: 205120	83904	
Sample wt/vol:	1000 Units: mL	Date Collecte	d: 12/07/0	5 Time	: 1410
Level: (low/me	d) LOW	Date Receive	d: 12/08/0	5	
% Moisture:	decanted: (Y/N)	Date Extracte			
·	DB-5MS-30M ID: .25 (mm)	Date Analyze	d: 01/03/0	6 Time	
				Anal	
	Extract Volume: 1000 (μL)				
Injection Volun	ne: 1.0 (µL)				
GPC Cleanup:	(Y/N) N pH:	Analytical Met	hod: OLM	0 4.2	
	4.	Instrument ID:	MSSV3	**************************************	
CONCENTRAT	TION UNITS: ug/L				atch: 311661
CAS NO.	COMPOUND	RESULT		MDL.	RL
95-95-4	2,4,5-Trichlorophenol	10.0	U	0.010	10.0
88-06-2	2,4,6-Trichlorophenol	10.0	U	0.010	10.0
120-83-2	2,4-Dichlorophenol	10.0	U	0.010	10.0
51-28-5	2,4-Dinitrophenol	25.0	U	0.010	25.0
121-14-2	2,4-Dinitrotoluene	10.0	U	0.010	10.0
606-20-2	2,6-Dinitrotoluene	10.0	U	0.010	10.0
91-58-7	2-Chloronaphthalene	10.0	U	0.010	10.0
95-57-8	2-Chlorophenol	10.0	U	0.010	10.0
91-57-6	2-Methylnaphthalene	10.0	U	0.010	10.0
88-74-4	2-Nitroaniline	25.0	U	0.010	25.0
88-75-5	2-Nitrophenol	10.0	U	0.010	10.0
91-94-1	3,3'-Dichlorobenzidine	10.0	U	0.010	10.0
99-09-2	3-Nitroaniline	25.0	U	0.010	25.0
534-52-1	2-Methyl-4,6-dinitrophenol	25.0	U	0.010	25.0
59-50-7	4-Chloro-3-methylphenol	10.0	U	0.010	10.0
106-47-8	4-Chloroaniline	10.0	U	0.010	10.0
7005-7:2-3	4-Chlorophenyl-phenylether	10.0	U	0.010	10.0
106-44-5	4-Methylphenol (p-Cresol)	10.0	Ų	0.010	10.0
83-32-9	Acenaphthene	10.0	U	0.010	10.0
208-96-8	Acenaphthylene	10.0	Ü	0.010	10.0
120-12-7	Anthracene	10.0	U	0.010	10.0
56-55-3	Benzo(a)anthracene	10.0	U	0.010	10.0
50-32-8	Benzo(a)pyrene	10.0	U	0.010	10.0
205-99-2	Benzo(b)fluoranthene	10.0	Ü	0.010	10.0
191-24-2	Benzo(g,h,i)perylene	10.0	U	0.010	10.0
207-08-9	Benzo(k)fluoranthene	10.0	U	0.010	10.0
111-91-1	Bis(2-Chloroethoxy)methane	10.0	U	0.010	10.0
111-44-4	Bis(2-Chloroethyl)ether	10.0	Ū	0.010	10.0
108-60-1	bis(2-Chloroisopropyi)ether	10.0	Ü	0.010	10.0

Sample ID: SK-GW64-1016 Lab Name: GCAL Contract: Lab Code: LA024 Case No.: SDG No.: 205120839 SAS No.: Lab File ID: 2060103/B7868 Matrix: Water Lab Sample ID: 20512083904 Units: mL Sample wt/vol: 1000 Date Collected: 12/07/05 Time: 1410 Level: (low/med) LOW Date Received: 12/08/05 The second control of Date Extracted: 12/12/05 % Moisture: decanted: (Y/N) Date Analyzed: 01/03/06 Time: 1831 GC Column: DB-5MS-30M ID: .25 (mm) Dilution Factor: 1 Analyst: JAR3 Concentrated Extract Volume: 1000 (µL) Prep Method: OLM4.2 SVOA Injection Volume: 1.0 (µL) Analytical Method: OLMO 4.2 GPC Cleanup: (Y/N) N pH: Instrument ID: MSSV3 CONCENTRATION UNITS: ug/L Prep Batch: 309219 Analytical Batch: 311661 CAS NO. COMPOUND RESULT MDL RL Q 117-81-7 bis(2-ethylhexyl)phthalate 10,01.66 JB 0.010 10.0 U 101-55-3 4-Bromophenyl-phenylether Ü 0.010 10.0 10.0 85-6**8-**7 Butylbenzylphthalate 10.0 U 0.010 10.0 10.0 U 86-74-8 Carbazole 0.010 10.0 218-01-9 Chrysene 10.0 Ū 0.010 10.0 84-74-2 Di-n-butylphthalate 10.0 Ü 0.010 10.0 0.010 117-84-0 10.0 Ū 10.0 Di-n-octylphthalate 53-70-3 10.0 U 0.010 10.0 Dibenz(a,h)anthracene 132-64-9 Dibenzofuran 10.0 П 0.010 10.0 10.0 U 0.010 10.0 84-66-2 Diethylphthalate 131-11-3 Dimethyl-phthalate 10.0 П 0.010 10.0 10.0 105-37-9 2,4-Dimethylphenol U 0.010 10.0 10.0 206-44-0 Fluoranthene U 0.010 10.0 86-73-7 Fluorene 10.0 0.010 10.0 10.0 118-74-1 Hexachlorobenzene U 0.010 10.0 87-68-3 10.0 Ū 10.0 Hexachlorobutadiene 0.010 77-47-4 10.0 U 0.010 10.0 Hexachlorocyclopentadiene 10.0 Ū 67-72-1 Hexachloroethane 0.010 10.0 193-39-5 Indeno(1,2,3-cd)pyrene 10.0 Ū 0.010 10.0 78-59-1 Isophorone 10.0 U 0.010 10.0 10.0 u 91-20-3 Naphthalene 0.010 10.0 100-01-6 4-Nitroaniline 25.0 Ū 0.010 25.0 98-95-3 Nitrobenzene 10.0 Ū 0.010 10.0 Ū 100-02-7 4-Nitrophenol 25.0 0.010 25.0 U 87-86-5 Pentachlorophenol 25.0 0.010 25.0 Phenanthrene 85-01-8 10.0 Ū 0.010 10.0 108-95-2 Pheno! 10.0 U 0.010 10.0 129-00-0 10.0 U 0.010 10.0 Pyrene 621-64-7 10.0 N-Nitroso-di-n-propylamine 11 0.010 10.0

Lab Name: GCAL	Sample ID: SK-GW64-1016
Lab Code: LA024 Case No.:	Contract:
SAS No.: SDG No.: 205120839	Lab File ID: 2060103/B7868
Matrix: Water	Lab Sample ID: 20512083904
Sample wt/vol: 1000 Units: mL	Date Collected: 12/07/05 Time: 1410
Level: (low/med) LOW	Date Received: 12/08/05
% Moisture: decanted: (Y/N)	Date Extracted: 12/12/05
GC Column: DB-5MS-30M ID: .25 (mm)	Date Analyzed: 01/03/06 Time: 1831
Concentrated Extract Volume: 1000 (µL)	Dilution Factor: 1 Analyst: JAR3
Injection Volume: 1.0 (µL)	Prep Method: OLM4.2 SVOA
GPC Cleanup: (Y/N) N pH:	Analytical Method: OLMO 4.2
	Instrument ID: MSSV3
CONCENTRATION UNITS: ug/L	Prep Batch: 309219 Analytical Batch: 311661
CAS NO. COMPOUND	RESULT Q MDL RL
86-30-6 N-Nitrosodiphenylamine	10.0 U 0.010 10.0
95-48-7 o-Cresol	10.0 U 0.010 10.0

1F SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL	Sample ID: SK-GW64-1016
Lab Code: LA024 Case No.:	Contract:
SAS No.: SDG No.: 205120839	Lab File ID: 2060103/B7868
Matrix: Water	Lab Sample ID: 20512083904
Sample wt/vol: Units:	Date Collected: 12/07/05 Time: 1410
Level: (low/med)	Date Received: 12/08/05
% Moisture: not dec.	Date Extracted: 12 112 05
GC Column. DB-5MS-30M ID: .25 (mm)	Date Analyzed: 01/03/06 Time: 1831
Concentrated Extract Volume: 1000 (µL)	Dilution Factor: 1 Analyst: JAR3
Injection Volume: 1.0 (µL)	Prep Method: DLY104.2
GPC Cleanup: (Y/N) N pH:	Analytical Method: SW-846 8270C
Number TICs Found: 3 CONCENTRATION UNITS:ug/L	Instrument ID: MSSV3
CAS NO. COMPOUND	RT EST. CONC. Q
1. 57-10-3 Hexadecanoic acid	4.652 1.47
2. Unknown	5.376 9.04
3. 301-02-0 9-Octadecenamide, (Z)-	6.687 3.14

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Lab Name: GCAL Sample ID: SK-GW59-1016 and the second second second second second second Case No.: Lab Code: LA024 Contract: and the second of the second o SDG No.: 205120839 SAS No .: Lab File ID: 2060103/B7869 Lab Sample ID: 20512083910 Matrix: Water Sample wt/vol: 1000 Date Collected: 12/08/05 Time: 0915 Units: mL Level: (low/med) LOW Date Received: 12/10/05 Date Extracted: 12/12/05 % Moisture: decanted: (Y/N) Date Analyzed: 01/03/06 Time: 1846 GC Column: DB-5MS-30M ID: .25 (mm) Dilution Factor: 1 Analyst: JAR3 Concentrated Extract Volume: 1000 (.µL.) Prep Method: OLM4.2 SVOA 1.0 (µL) Injection Volume: Analytical Method: OLMO 4.2 GPC Cleanup: (Y/N) N pH: Instrument ID: MSSV3 CCNCENTRATION UNITS: ug/L Analytical Batch: 311661 Prep Batch: 309219 CAS NO. COMPOUND RESULT MDL RL Q 95-95-4 2.4.5-Trichlorophenol 0.010 10.0 U 10.0 88-06-2 2,4,6-Trichlorophenol 10.0 Ū 0.010 10.0 120-83-2 2,4-Dichlorophenol 10.0 Ū 0.010 10.0 51-28-5 25.0 2,4-Dinitrophenol Ũ 0.010 25.0 121-14-2 10.0 2.4-Dinitrotoluene U 0.010 10.0 606-20-2 2.6-Dinitrotoluene 10.0 Ū 0.010 10.0 91-58-7 2-Chloronaphthalene 10.0 Ū 0.010 10.0 95-57-8 10.0 U 0.010 10.0 2-Chlorophenol 91-57-6 2-Methylnaphthalene 10.0 Ū 0.010 10.0 88-74-4 25.0 U 25.0 2-Nitroaniline 0.010 88-75-5 2-Nitrophenol 10.0 U 0.010 10.0 91-94-1 3,3'-Dichlorobenzidine 10.0 Ū 0.010 10.0 99-09-2 25.0 U 25.0 3-Nitroaniline 0.010 25.0 534-52-1 U 25.0 2-Methyl-4,6-dinitrophenol 0.010 59-50-7 4-Chloro-3-methylphenol 10.0 U 0.010 10.0 106-47-8 4-Chloroaniline 10.0 Ū 0.010 10.0 7005-72-3 4-Chlorophenyl-phenylether 10.0 Ü 0.010 10.0 106-44-5 4-Methylphenol (p-Cresol) 10.0 Ū 0.010 10.0 83-32-9 10.0 Ü 10.0 Acenaphthene 0.010 208-96-8 Acenaphthylene 10.0 Ü 0.010 10.0 120-12-7 Anthracene 10.0 Ū 0.010 10.0 56-55-3 Benzo(a)anthracene 10.0 Ū 0.010 10.0 Ū 10.0 50-32-8 Benzo(a)pyrene 10.0 0.010 Ū 205-99-2 Benzo(b)fluoranthene 10.0 0.010 10.0 191-24-2 Benzo(g,h,i)perylene 10.0 Ū 0.010 10.0 207-08-9 Benzo(k)fluoranthene 10.0 U 0.010 10.0 10.0 u 111-91-1 Bis(2-Chloroethoxy)methane 0.010 10.0 111-44-4 Bis(2-Chloroethyl)ether 10.0 U 0.010 10.0 108-60-1 bis(2-Chloroisopropyl)ether 10.0 Ū 0.010 10.0

Lab Name: G	CAL	Sample ID:	SK-GW59-	1016		
Lab Code: LA	024 Case No.:	Contract:	the agreement of the Second		. For payment	
SAS No.:	SDG No.: 205120839	Lab File ID:	2060103/B7	7869	***	
Matrix: Water	e in the comment of the second control of the second secon	Lab Sample II	D: 205120	83910		
Sample wt/vol:	1000 Units: mL	Date Collected	d: 12/08/0	5 Time:	0915	
) LOW			5		
	decanted: (Y/N)					
	B-5MS-30M ID: .25 (mm)	Date Analyzed	d: 01/03/0	6 Time	1846	
	xtract Volume: 1000 (μL)	Dilution Factor	r: 1	Analy	st: JAR3	
	e: 1.0 (μL)	Prep Method:	OLM4.2 S	SVOA	ew to the second of the second	
	Y/N) N pH:			10 4.2		
				an and a second of the second		
CONCENTRATI	ON UNITS: ug/L				tch: 311661	
CAS NO.	COMPOUND	RESULT	Q	MDL	RL	
117-81-7	bis(2-ethylhexyl)phthalate	10.02.58	JB	0.010	10.0	(
101-55-3	4-Bromophenyl-phenylether	10.0	Ü	0.010	10.0	
85-68-7	Butylbenzylphthalate	10.0	U	0.010	10.0	
86-74-8	Carbazole	10.0	U	0.010	10.0	
218-01-9	Chrysene	10.0	U	0.010	10.0	
84-74-2	Di-n-butylphthalate	0.728	J	0.010	10.0	
117-84-0	Di-n-octylphthalate	10.0	U	0.010	10.0	
53-70-3	Dibenz(a,h)anthracene	10.0	U	0.010	10.0	
132-54-9	Dibenzofuran	10.0	Ü	0.010	10.0	
84-63-2	Diethylphthalate	10.0	U	0.010	10.0	
131-11-3	Dimethyl-phthalate	10.0	U	0.010	10.0	
105-67-9	2,4-Dimethylphenol	10.0	Ū	0.010	10.0	
206-44-0	Fluoranthene	10.0	U	0.010	10.0	
86-73-7	Fluorene	10.0	U	0.010	10.0	
118-74-1	Hexachlorobenzene	10.0	U	0.010	10.0	
87-68-3	Hexachlorobutadiene	10.0	U	0.010	10.0	
77-47-4	Hexachlorocyclopentadiene	10.0	U	0.010	10.0	
67-72-1	Hexachloroethane	10.0	U	0.010	10.0	
193-39-5	Indeno(1,2,3-cd)pyrene	10.0	U	0.010	10.0	
78-59-1	Isophorone	10.0	U	0.010	10.0	
91-20-3	Naphthalene	10.0	U	0.010	10.0	
100-01-6	4-Nitroaniline	25.0	U	0.010	25.0	
98-95-3	Nitrobenzene	10.0	U	0.010	10.0	
100-(:2-7	4-Nitrophenol	25.0	U	0.010	25.0	
37-8€-5	Pentachlorophenol	25.0	U	0.010	25.0	
35-01-8	Phenanthrene	10.0	U	0.010	10.0	
108-95-2	Phenol	10.0	U	0.010	10.0	
129-00-0	Pyrene	10.0	U	0.010	10.0	
521.64.7	N Nitropa di n propulamina	10.0	11	0.010	10.0	

Lab Name: GCAL	Sample ID: SK-GW59-1016				
Lab Code: LA024 Case No.:	Contract:				
SAS No.: SDG No.: 205120839	Lab File ID: 2060103/B7869				
Matrix: Water	Lab Sample ID: 20512083910				
Sample wt/vol: 1000 Units: mL	Date Collected: 12/08/05 Time: 0915				
Level: (low/med) LOW	Date Received: 12/10/05				
% Moisture: decanted: (Y/N)	Date Extracted: 12/12/05				
GC Column: DB-5MS-30M ID: .25 (mm)	Date Analyzed: 01/03/06 Time: 1846				
Concentrated Extract Volume: 1000 (µL)	Dilution Factor: 1 Analyst: JAR3				
Injection Volume: 1.0 (µL)	Prep Method: OLM4.2 SVOA				
GPC Cleanup: (Y/N) N pH:	Analytical Method: OLMO 4.2				
	Instrument ID: MSSV3				
CONCENTRATION UNITS: ug/L	Prep Batch: 309219 Analytical Batch: 311661				
CAS NO. COMPOUND	RESULT Q MDL RL				
86-30-6 N-Nitrosodiphenylamine	10.0 U 0.010 10.0				
95-48-7 o-Cresol	10.0 U 0.010 10.0				

1F SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL	Sample ID: SK-GW59-1016
Lab Code: LA024 Case No.:	Contract:
SAS No.: SDG No.: 205120839	
Matrix: Water	Lab Sample ID: 20512083910
Sample wt/vol: Units:	Date Collected: 12/08/05 Time: 0915
Level: (low/med)	Date Received: 12/10/05
% Moisture: not dec.	Date Extracted: 12112105
GC Column: DB-5MS-30M ID: .25 (mm)	Date Analyzed: 01/03/06 Time 1846
Concentrated Extract Volume: 1000 (µL)	Dilution Factor: 1 Analyst: JAR3
Injection Volume: 1.0 (µL)	Prep Method: CLY C4.2
GPC Cleanup: (Y/N) N pH:	Analytical Method: SW-846 8270C
and department of the second o	Instrument ID: MSSV3
Number TICs Found: 4	
CONCENTRATION UNITS:ug/L	
CAS NO. COMPOUND	RT EST. CONC. Q
1. 57-10-3 Hexadecanoic acid	4.655 3.34
2.	4.655 3.34
3 . 115-28-6 Bicyclo[2.2.1]hept-5-ene-2,3-d	4.769 4.29
4. 106-28-5 2,6,10-Dodecatrien-1-ol, 3,7,1	6.77 9.02

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Lab Name: G	CAL	Sample ID:	SK-GW62A	-1016	
Lab Code: LA					
SAS No.:	SDG No.: 205120839	Lab File ID:			
Matrix: Water	To the second se	Lab Sample II	D: 205120	83911	
	1000 Units: mL	Date Collecte	d: 12/08/0	5 Time:	0936
Level: (low/med	d) LOW	Date Receive	d: 12/10/0	5	r an entre e da que que
	decanted: (Y/N)	Date Extracte	d: 12/12/0	5	and post works to a garage
GC Column:	DB-5MS-30M ID: .25 (mm)	Date Analyze	d: 01/03/0	6 Time	: 1901
Concentrated E	xtract Volume: 1000 (μL)	Dilution Facto	r: <u>1</u>	Analy	st: JAR3
	e: 1.0 (μL)	Prep Method:	OLM4.2 S	SVOA	e san tre treatment and the tree
	(Y/N) N pH:	Analytical Met	hod: OLM	10 4.2	- May 2 Mart 191 (8 191 (1) 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		Instrument ID:			
CONCENTRAT	ION UNITS: ug/L			Analytical Ba	
CAS NO.	COMPOUND	RESULT		MDL	RL
95-95-4	2,4,5-Trichlorophenol	10.0	TU	0.010	10.0
88-06-2	2,4,6-Trichlorophenol	10.0	U	0.010	10.0
120-83-2	2,4-Dichlorophenol	10.0	U	0.010	10.0
51-28-5	2,4-Dinitrophenol	25.0	U	0.010	25.0
121-14-2	2,4-Dinitrotoluene	10.0	U	0.010	10.0
606-20-2	2,6-Dinitrotoluene	10.0	Ü	0.010	10.0
91-58-7	2-Chloronaphthalene	10.0	U	0.010	10.0
95-57-8	2-Chlorophenol	10.0	U	0.010	10.0
91-57-6	2-Methylnaphthalene	10.0	U	0.010	10.0
88-74-4	2-Nitroaniline	25.0	U	0.010	25.0
88-75-5	2-Nitrophenol	10.0	U	0.010	10.0
91-94-1	3,3'-Dichlorobenzidine	10.0	U	0.010	10.0
99-09-2	3-Nitroaniline	25.0	U	0.010	25.0
534-52-1	2-Methyl-4,6-dinitrophenol	25.0	Ü	0.010	25.0
59-50-7	4-Chloro-3-methylphenol	10.0	Ü	0.010	10.0
106-47-8	4-Chloroaniline	10.0	U	0.010	10.0
7005-72-3	4-Chlorophenyl-phenylether	10.0	U	0.010	10.0
106-44-5	4-Methylphenol (p-Cresol)	10.0	U	0.010	10.0
83-32-9	Acenaphthene	10.0	υ	0.010	10.0
208-96-8	Acenaphthylene	10.0	U	0.010	10.0
120-12-7	Anthracene	10.0	U	0.010	10.0
56-55 -3	Benzo(a)anthracene	10.0	U	0.010	10.0
50-32-8	Benzo(a)pyrene	10.0	U	0.010	10.0
205-99-2	Benzo(b)fluoranthene	10.0	U	0.010	10.0
191-24-2	Benzo(g,h,i)perylene	10.0	Ü	0.010	10.0
207-08-9	Benzo(k)fluoranthene	10.0	Ü	0.010	10.0
111-91-1	Bis(2-Chloroethoxy)methane	10.0	U	0.010	10.0
111-44-4	Bis(2-Chloroethyl)ether	10.0	U	0.010	10.0
108-60-1	bis(2-Chloroisopropyl)ether	10.0	L)	0.010	10.0

GCAL Sample ID: SK-GW62A-1016 Lab Name: Lab Code: Case No.: LA024 Contract: SAS No.: SDG No.: 205120839 Lab File ID: 2060103/B7870 Matrix: Water Lab Sample ID: 20512083911 Units: mL Time: 0936 Sample wt/vol: 1000 Date Collected: 12/08/05 Date Received: Level: (low/med) LOW 12/10/05 % Moisture: decanted: (Y/N) Date Extracted: 12/12/05 Date Analyzed: 01/03/06 Time: 1901 ID: .25 GC Column: DB-5MS-30M (mm) Dilution Factor: Analyst: JAR3 1000 Concentrated Extract Volume: (µL) Prep Method: OLM4.2 SVOA Injection Volume: 1.0 (µL) Analytical Method: OLMO 4.2 pH: GPC Cleanup: (Y/N) Instrument ID: MSSV3 CONCENTRATION UNITS: ug/L Prep Batch: 309219 Analytical Batch: 311661 DECLILT DI

CAS NO	COMPOLIND

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
117-81-7	bis(2-ethylhexyl)phthalate	/0.0.1.88	JB	0.010	10.0
101-55-3	4-Bromophenyl-phenylether	10.0	Ü	0.010	10.0
85-68-7	Butylbenzylphthalate	10.0	U	0.010	10.0
86-74-8	Carbazole	10.0	U	0.010	10.0
218-01-9	Chrysene	10.0	U	0.010	10.0
84-74-2	Di-n-butylphthalate	10.0	U	0.010	10.0
117-84-0	Di-n-octylphthalate	10.0	U	0.010	10.0
53-70-3	Dibenz(a,h)anthracene	10.0	U	0.010	10.0
132-64-9	Dibenzofuran	10.0	U	0.010	10.0
84-66-2	Diethylphthalate	10.0	U	0.010	10.0
131-11-3	Dimethyl-phthalate	10.0	Ū	0.010	10.0
105-67-9	2,4-Dimethylphenol	10.0	U	0.010	10.0
206-44-0	Fluoranthene	10.0	U	0.010	10.0
86-73-7	Fluorene	10.0	U	0.010	10.0
118-74-1	Hexachlorobenzene	10.0	U	0.010	10.0
87-6 8-3	Hexachlorobutadiene	10.0	U	0.010	10.0
77-47-4	Hexachlorocyclopentadiene	10.0	U	0.010	10.0
67-72-1	Hexachloroethane	10.0	U	0.010	10.0
193-39-5	Indeno(1,2,3-cd)pyrene	10.0	U	0.010	10.0
78-59 -1	Isophorone	10.0	U	0.010	10.0
91-20-3	Naphthalene	10.0	U	0.010	10.0
100-01 - 6	4-Nitroaniline	25.0	U	0.010	25.0
98-95-3	Nitrobenzene	10.0	U	0.010	10.0
100-02-7	4-Nitrophenol	25.0	U	0.010	25.0
87-86-5	Pentachlorophenol	25.0	U	0.010	25.0
35-01-8	Phenanthrene	10.0	U	0.010	10.0
108-95-2	Phenol	10.0	U	0.010	10.0
129-00-0	Pyrene	10.0	U	0.010	10.0
521-64-7	N-Nitroso-di-n-propylamine	10.0	U	0.010	10.0

11

Lab Name: GCAL	Sample ID: SK-GW62A-1016
Lab Code: LA024 Case No.:	Contract:
SAS No.: SDG No.: 205120839	Lab File ID: 2060103/B7870
Matrix: Water	Lab Sample ID: 20512083911
Sample wt/vol: 1000 Units: mL	Date Collected: 12/08/05 Time: 0936
Level: (low/med) LOW	Date Received: 12/10/05
% Moisture: decanted: (Y/N)	Date Extracted: 12/12/05
GC Column: DB-5MS-30M ID: .25 (mm	Data Applymed: 04/03/06 Time: 4004
Concentrated Extract Volume: 1000 (µL) Dilution Factor: 1 Analyst: JAR3
Injection Volume: 1.0 (µL) Prep Method: OLM4.2 SVOA
GPC Cleanup: (Y/N) N pH:	Analytical Method: OLMO 4.2
	Instrument ID: MSSV3
CONCENTRATION UNITS: ug/L	Prep Batch: 309219 Analytical Batch: 311661
CAS NO. COMPOUND	RESULT Q MDL RL
86-30-6 N-Nitrosodiphenylamine	10.0 U 0.010 10.0
95-48-7 o-Cresol	10.0 U 0.010 10.0

1F SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL	Sample ID: SK-GW62A-1016
Lab Code: LA024 Case No.:	
SAS No.: SDG No.: 205120839	
Matrix: Water	I oh Comula ID. 20512092011
Sample wt/vol: Units:	Date Collected: 12/08/05 Time: 0936
Level: (low/med)	Date Received: 12/10/05
% Moisture not dec.	
GC Column: DB-5MS-30M ID: .25 (mm)	Date Analyzed: 01/03/06 Time: 1901
Concentrated Extract Volume: 1000 (µL)	Dilution Factor: 1 Analyst: JAR3
Injection Volume: 1.0 (µL)	Prep Method: OCM 54.2
GPC Cleanup: (Y/N) N pH:	Analytical Method: SW-846 8270C Instrument ID: MSSV3
Number TICs Found: 1	W 10 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
CONCENTRATION UNITS: ug/L	
CAS NO. COMPOUND	RT EST. CONC. Q
1. Unknown	5.373 3.94

313106 Mrc

Lab Name: 0	SCAL	Sample ID:	SK-GW58-1	016	the second contract of
Lab Code: LA	N024 Case No.:	Contract:			The second of th
	SDG No.: 205120839				
Matrix: Wate		Lab Sample II	D: 205120	83912	
	1000 Units: mL	Date Collected			1240
				5	
	S) LOW				
	decanted: (Y/N)			5	
GC Column: (DB-5MS-30M ID: .25 (mm)	Date Analyzed	1: 01/07/06	3 Time	: 1818
Concentrated E	extract Volume: 1000 (µL)	Dilution Factor	r: 1	Anal	yst: JAR3
Injection Volum	ne: 1.0 (μL)	Prep Method:	OLM4.2 S	VOA	
	(Y/N) N pH:	Analytical Met	hod: OLM	O 4.2	
O, O O.O.	, , , , , , , , , , , , , , , , , , ,				
CONCENTRAT	TION UNITS: ug/L				
	-			Analytical Ba	
CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10.0	Ū	0.010	10.0
88-06-2	2,4,6-Trichlorophenol	10.0	U	0.010	10.0
120-83-2	2,4-Dichlorophenol	10.0	U	0.010	10.0
51-28-5	2,4-Dinitrophenol	25.0	U	0.010	25.0
121-14-2	2,4-Dinitrotoluene	10.0	U	0.010	10.0
606-20-2	2,6-Dinitrotoluene	10.0	U	0.010	10.0
91-58-7	2-Chloronaphthalene	10.0	U	0.010	10.0
95-57-8	2-Chlorophenol	10.0	U	0.010	10.0
91-57-6	2-Methylnaphthalene	10.0	Ü	0.010	10.0
88-74-4	2-Nitroaniline	25.0	U	0.010	25.0
88-75-5	2-Nitrophenol	10.0	U	0.010	10.0
91-94-1	3,3'-Dichlorobenzidine	10.0	U	0.010	10.0
99-C9 - 2	3-Nitroaniline	25.0	U	0.010	25.0
534-52-1	2-Methyl-4,6-dinitrophenol	25.0	U	0.010	25.0
59-50-7	4-Chloro-3-methylphenol	10.0	Ü	0.010	10.0
106-47-8	4-Chloroaniline	10.0	U	0.010	10.0
7005-72-3	4-Chlorophenyl-phenylether	10.0	υ	0.010	10.0
106-44-5	4-Methylphenol (p-Cresol)	10.0	U	0.010	10.0
83-32-9	Acenaphthene	10.0	Ú	0.010	10.0
208-96-8	Acenaphthylene	10.0	U	0.010	10.0
120-12-7	Anthracene	10.0	Ü	0.010	10.0
56-55-3	Benzo(a)anthracene	10.0	U	0.010	10.0
50-32-8	Benzo(a)pyrene	10.0	U	0.010	10.0
205-99-2	Benzo(b)fluoranthene	10.0	U	0.010	10.0
191-24-2	Benzo(g,h,i)perylene	10.0	U	0.010	10.0
207-08-9	Benzo(k)fluoranthene	10.0	U	0.010	10.0
111-91-1	Bis(2-Chloroethoxy)methane	10.0	U	0.010	10.0
111-44-4	Bis(2-Chloroethyl)ether	10.0	U	0.010	10.0
108-60-1	bis(2-Chloroisopropyl)ether	10.0	υ	0.010	10.0

Lab Name: GCAL Sample ID: SK-GW58-1016 Lab Code: LA024 Case No.: Contract: SAS No.: SDG No.: 205120839 Lab File ID: 2060107P/B8127 Lab Sample ID: 20512083912 Matrix: Water Units: mL Time: 1240 Sample wt/vol: 1000 Date Collected: 12/08/05 Level: (low/med) LOW Date Received: 12/10/05 Date Extracted: 12/12/05 decanted: (Y/N) % Moisture: Date Analyzed: 01/07/06 Time: 1818 GC Column: DB-5MS-30M ID: .25 (mm) Dilution Factor: 1 Analyst: JAR3 Concentrated Extract Volume: 1000 (µL) Prep Method: OLM4.2 SVOA Injection Volume: 1.0 (µL) Analytical Method: OLMO 4.2 GPC Cleanup: (Y/N) N pH: Instrument ID: MSSV3 CONCENTRATION UNITS: ug/L Prep Batch: 309219 Analytical Batch: 312113 CAS NO. **COMPOUND** RESULT MDL RL 117-81-7 bis(2-ethylhexyl)phthalate 10,01,37 JB 0.010 10.0 U 0.010 101-55-3 4-Bromophenyl-phenylether Ū 10.0 10.0 85-68-7 Butylbenzylphthalate 10.0 Ū 0.010 10.0 86-74-8 Carbazole 10.0 П 0.010 10.0 218-01-9 10.0 Ū 0.010 10.0 Chrysene 84-74-2 Di-n-butylphthalate 10.0 Ū 0.010 10.0 117-84-0 10.0 IJ 0.010 10.0 Di-n-octylphthalate 53-70-3 10.0 Ū 0.010 10.0 Dibenz(a,h)anthracene 132-64-9 Dibenzofuran 10.0 Ū 0.010 10.0 84-66-2 Diethylphthalate 10.0 Ū 0.010 10.0 131-11-3 Dimethyl-phthalate 10.0 Ū 0.010 10.0 105-67-9 Ū 2,4-Dimethylphenol 10.0 0.010 10.0 206-44-0 Fluoranthene 10.0 ΰ 0.010 10.0 86-73-7 Fluorene 10.0 Ū 0.010 10.0 118-74-1 Hexachlorobenzene 10.0 Ū 0.010 10.0 87-68-3 Hexachlorobutadiene 10.0 Ū 0.010 10.0 77-47-4 Hexachlorocyclopentadiene 10.0 Ū 0.010 10.0 67-72-1 Hexachloroethane 10.0 U 0.010 10.0 Ū 10.0 193-39-5 Indeno(1,2,3-cd)pyrene 10.0 0.010 78-59-1 10.0 Ū 0.010 10.0 Isophorone 91-20-3 Naphthalene 10.0 П 0.010 10.0 100-01-6 25.0 Ū 0.010 25.0 4-Nitroaniline 98-95-3 Nitrobenzene 10.0 Ū 0.010 10.0 100-02-7 4-Nitrophenol 25.0 Ū 0.010 25.0 87-86-5 Pentachlorophenol 25.0 U 0.010 25.0 85-01-8 Phenanthrene 10.0 U 0.010 10.0 108-95-2 Phenol 10.0 Ū 0.010 10.0 129-00-0 0.010 Pyrene 10.0 U 10.0

> 000268 Jistol

10.0

10.0

U

0.010

621-64-7

*B"

N-Nitroso-di-n-propylamine

Lab Name: G	CAL	Sample ID: SK-GW58-1016		
Lab Code: LA	024 Case No.:	Contract:		
SAS No.:	SDG No.: 205120839	Lab File ID: 2060107P/B8127		
Matrix: Water	en de la companya del companya de la companya del companya de la c	Lab Sample ID: 20512083912		
Sample wt/vol:	1000 Units: mL	Date Collected: 12/08/05 Time: 1240		
Level: (low/med	I) LOW	Date Received: 12/10/05		
% Moisture:	decanted: (Y/N)	Date Extracted: 12/12/05		
GC Column: [DB-5MS-30M ID: .25 (mm)	Date Analyzed: 01/07/06 Time: 1818		
Concentrated E	xtract Volume: 1000 (μL)	Dilution Factor: 1 Analyst: JAR3		
Injection Volum	e: 1.0 (µL)	Prep Method: OLM4.2 SVOA		
GPC Cleanup:	(Y/N) N pH:	Analytical Method: OLMO 4.2		
		Instrument ID: MSSV3		
CONCENTRAT	ION UNITS: ug/L	Prep Batch: 309219 Analytical Batch: 312113		
CAS NO.	COMPOUND	RESULT Q MDL RL		
86-30-6	N-Nitrosodiphenylamine	10.0 U 0.010 10.0		
95-48-7	o-Cresol	10.0 U 0.010 10.0		

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL	Sample ID: SK-GW58-1016
Lab Code: LA024 Case No.:	Contract:
SAS No.: SDG No.: 205120839	
Matrix: Water	Lab Sample ID: 20512083912
Sample wt/vol: Units:	Date Collected: 12/08/05 Time: 1240
Level: (low/med)	Date Received: 12/10/05
% Moisture, not dec.	Date Extracted: 12 112 1 05
GC Column: DB-5MS-30M ID: .25 (mm	Date Analyzed: 01/07/06 Time. 1818
Concentrated Extract Volume: 1000 (µL	Dilution Factor: 1 Analyst: JAR3
Injection Volume: 1.0 (µL	Down Matheway MIN S. A. 3
GPC Cleanup: (Y/N) N pH:	Analytical Method: SW-846 8270C
Section of the Assessment Co. Sectio	Instrument ID: MSSV3
Number T/Cs Found: 3	
CONCENTRATION UNITS:ug/L	
CAS NO. COMPOUND	RT EST. CONC. Q
1. 59-48-3 2H-Indol-2-one, 1,3-dihydro-	3.329 22.6
2. 100-42-5 Styrene	3.463 29.1
3 I Inknown	5 18 15 5

3/8/06

Sample ID: SK-GW58FD-1016 Lab Name: GCAL Lab Code: LA024 Case No.: Contract: SDG No.: 205120839 SAS No.: Lab File ID: 2060103/B7872 Matrix: Water Lab Sample ID: 20512083913 Sample wt/vol: 1000 Units: mL Date Collected: 12/08/05 Time: 1304 Level: (low/med) LOW Date Received: 12/10/05 Date Extracted: 12/12/05 decanted: (Y/N) % Moisture: Date Analyzed: 01/03/06 Time: 1931 GC Column: DB-5MS-30M ID: .25 (mm) Concentrated Extract Volume: 1000 (µL) Dilution Factor: 1 Analyst: JAR3 Prep Method: OLM4.2 SVOA Injection Volume: 1.0 (μ L) Analytical Method: OLMO 4.2 GPC Cleanup: (Y/N) N pH: Instrument ID: MSSV3 CONCENTRATION UNITS: ug/L Prep Batch: 309219 Analytical Batch: 311661 CAS NO. COMPOUND RESULT Q MDL RL95-95-4 2,4,5-Trichlorophenol 10.0 U 0.010 10.0 2.4.6-Trichlorophenol 88-06-2 10.0 H 0.010 10.0 120-83-2 10.0 2,4-Dichlorophenol u 0.010 10.0 51-28-5 2,4-Dinitrophenol 25.0 υ 0.010 25.0 121-14-2 2,4-Dinitrotoluene 10.0 Ū 0.010 10.0 606-20-2 2,6-Dinitrotoluene 10.0 Ū 0.010 10.0 91-58-7 2-Chloronaphthalene 10.0 Ū 0.010 10.0 95-57-8 10.0 2-Chlorophenol Ū 0.010 10.0 91-57-6 2-Methylnaphthalene 10.0 U 0.010 10.0 38-74-4 2-Nitroaniline 25.0 ī 0.010 25.0 88-75-5 2-Nitrophenol 10.0 IJ 0.010 10.0 91-94-1 3,3'-Dichlorobenzidine 10.0 Ū 0.010 10.0 99-09-2 3-Nitroaniline 25.0 Ū 0.010 25.0 534-52-1 2-Methyl-4,6-dinitrophenol 25.0 U 0.010 25.0 59-50-7 4-Chloro-3-methylphenol 10.0 Ū 0.010 10.0 106-47-8 4-Chloroaniline 10.0 Ū 0.010 10.0 7005-72-3 4-Chlorophenyl-phenylether 10.0 U 0.010 10.0 106-44-5 4-Methylphenol (p-Cresol) 10.0 Ū 0.010 10.0 83-32-9 Acenaphthene 10.0 Ū 0.010 10.0 208-96-8 Acenaphthylene 10.0 Ū 0.010 10.0 120-12-7 Anthracene 10.0 U 0.010 10.0 10.0 0.010 56-55-3 Benzo(a)anthracene U 10.0 50-32-8 Benzo(a)pyrene 10.0 Ũ 0.010 10.0 205-99-2 Benzo(b)fluoranthene 10.0 Ū 0.010 10.0 191-24-2 10.0 Ū 0.010 Benzo(g,h,i)perylene 10.0 207-08-9 10.0 Ū 0.010 10.0 Benzo(k)fluoranthene 111-91-1 10.0 Ū 0.010 Bis(2-Chloroethoxy)methane 10.0 111-44-4 Bis(2-Chloroethyl)ether 10.0 Ū 0.010 10.0 108-60-1 0.010 bis(2-Chloroisopropyl)ether 10.0 Ū 10.0

Lab Name: GCAL Sample ID: SK-GW58FD-1016 Lab Code: LA024 Case No.: Contract: SAS No.: SDG No.: 205120839 Lab File ID: 2060103/B7872 Matrix: Water Lab Sample ID: 20512083913 Date Collected: 12/08/05 Time: 1304 Sample wt/vol: 1000 Units: mL Date Received: 12/10/05 Level: (low/med) LOW Date Extracted: 12/12/05 decanted: (Y/N) % Moisture: GC Column: DB-5MS-30M ID: .25 Date Analyzed: 01/03/06 Time: 1931 (mm) Dilution Factor: 1 Analyst: JAR3 Concentrated Extract Volume: 1000 (µL) Prep Method: OLM4.2 SVOA Injection Volume: 1.0 (µL) Analytical Method: OLMO 4.2 GPC Cleanup: (Y/N) N pH: Instrument ID: MSSV3 CONCENTRATION UNITS: ug/L Prep Batch: 309219 Analytical Batch: 311661 **COMPOUND** CAS NO. RESULT 0 MDL RL 117-81-7 bis(2-ethylhexyl)phthalate 0. (1.25) JB 0.010 10.0 U 101-55-3 4-Bromophenyl-phenylether 10.0 Ü 0.010 10.0 85-68-7 Butylbenzylphthalate 10.0 U 0.010 10.0 86-74-8 10.0 Ū 0.010 Carbazole 10.0 218-01-9 10.0 Ū Chrysene 0.010 10.0 84-74-2 Di-n-butylphthalate 10.0 U 0.010 10.0 117-84-0 Di-n-octylphthalate 10.0 Ü 0.010 10.0 53-70-3 10.0 Dibenz(a,h)anthracene 11 0.010 10.0 132-64-9 Dibenzofuran 10.0 Ū 0.010 10.0 10.0 84-66-2 Diethylphthalate Ü 0.010 10.0 131-11-3 Dimethyl-phthalate 10.0 Ū 0.010 10.0 105-67-9 2,4-Dimethylphenol 10.0 Ū 0.010 10.0 206-44-0 Fluoranthene 10.0 Ū 0.010 10.0 86-73-7 Fluorene 10.0 Ū 0.010 10.0 118-74-1 10.0 IJ 0.010 10.0 Hexachlorobenzene 87-63-3 10.0 Ū 0.010 10.0 Hexachlorobutadiene 77-47-4 10.0 Hexachlorocyclopentadiene U 0.010 10.0 67-7:2-1 Hexachloroethane 10.0 0.010 10.0 193-39-5 10.0 Ū 10.0 Indeno(1,2,3-cd)pyrene 0.010 78-59-1 isophorone 10.0 U 0.010 10.0 91-20-3 Naphthalene 10.0 Ü 0.010 10.0 100-01-6 25.0 0.010 25.0 4-Nitroaniline U 98-95-3 Nitrobenzene 10.0 Ū 0.010 10.0 100-02-7 25.0 4-Nitrophenol U 0.010 25.0 87-86-5 Pentachlorophenol 25.0 Ū 0.010 25.0 85-01-8 Phenanthrene 10.0 U 0.010 10.0 108-95-2 Phenol 10.0 Ū 0.010 10.0 129-00-0 Ū 10.0 Pyrene 10.0 0.010 621-64-7 10.0 Ū N-Nitroso-di-n-propylamine 0.010 10.0

Lab Name: GCAL	Sample ID: SK-GW58FD-1016				
Lab Code: LA024	Contract:				
SAS No.:	Case No.: 205120839	Lab File ID:	2060103/B7	872	
Matrix: Water	and the second of the second s	Lab Sample II	205120	33913	
Sample wt/vol: 1000	Units: mL	Date Collected	1: 12/08/0	5 Time	e: 1304
Level: (low/med) LOV	V	Date Received: 12/10/05			
% Moisture:	decanted: (Y/N)	Date Extracted: 12/12/05			
GC Column: DB-5MS-	30M ID: .25 (mm)	Date Analyzed: 01/03/06 Time: 1931			
Concentrated Extract Vo	Dilution Factor	: 1	Ana	lyst: JAR3	
	1.0 (µL)	Prep Method: OLM4.2 SVOA			
	N pH:	Analytical Method: OLMO 4.2			
_	Instrument ID: MSSV3				
CONCENTRATION UNITS: ug/L		Prep Batch:	309219	Analytical B	Batch: 311661
CAS NO. COM	POUND	RESULT	Q	MDL	RL
86-30-6 N-Nitro	osodiphenylamine	10.0	U	0.010	10.0
95-48-7 o-Cres	sol	10.0	U	0.010	10.0

1F SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL	Sample ID: SK-GW58FD-1016
Lab Code: LA024 Case No.:	Contract:
SAS No.: SDG No.: 205120839	Lab File ID: 2060103/B7872
Matrix: Water	Lab Sample ID: 20512083913
Sample wt/vol: Units:	Date Collected: 12/08/05 Time: 1304
Level: (low/med)	Date Received: 12/10/05
% Moisture not dec.	Date Extracted: 12 112 105
GC Column: DB-5MS-30M ID: .25 (mm)	Date Analyzed: 01/03/06 Time: 1931
Concentrated Extract Volume: 1000 (µL)	Dilution Factor: 1 Analyst: JAR3
Injection Volume: 1.0 (µL)	Prep Method: CLY104.7
GPC Cleanup: (Y/N) N pH:	Analytical Method: SW-846 8270C Instrument ID: MSSV3
Number TICs Found: 1	
CONCENTRATION UNITS:ug/L	
CAS NO. COMPOUND	RT EST. CONC. Q
1. Unknown	5.382 14.9

318/26 msu

Lab Code: LA024	Lab Name:	GCAL	Sample ID:	SK-GWFB-	1016	
SAS No.: SDG No.: 205120839 Lab File ID: 206107P/B8128		and the second of the second o		· · · · · · · · · · · · · · · · · · ·		
Matrix: Water Lab Sample ID: 20512083918	rap Code: L		Contract:		e to a second	
Sample wi/vol: 1000 Units: mL	SAS No.:	SDG No.: 205120839	Lab File ID:	2060107P/	38128	
Sample W/vol: 1000 Units: mL	Matrix: Wat	er	Lab Sample II	D: 205120	83918	
Leval: (low/med) LOW Date Received: 12/10/05	Sample wt/vol	- 1000 Unite: ml	Date Collecte	d: 12/08/0	5 Time:	1433
% Moisture: decanted: (Y/N) Date Extracted: 12/12/05 GC Column: DB-5MS-30M ID: .25 (mm) Date Analyzed: 01/07/06 Time: .1833 Concentrated Extract Volume: 1.00 (μL) Dilution Factor: 1.0 Analyst: .JAR3 Injection Volume: 1.0 (μL) Prep Method: OLMQ 4.2	Level: (low/me					
Concentrated Extract Volume: 1000		The state of the s				
Concentrated Extract Volume: 1.00						
Injection Volume: 1.0	GC Column:	DB-5MS-30M ID: .25 (mm)				
CONCENTRATION UNITS: ug/L	Concentrated	Extract Volume: 1000 (µL)	Dilution Factor	r: 10	Analy	st: JAR3
CONCENTRATION UNITS: ug/L			Prep Method:	OLM4.2 S	SVOA	
Instrument ID: MSSV3						
CONCENTRATION UNITS: ug/L Prep Batch: 309219 Analytical Batch: 312113 CAS NO. COMPOUND RESULT Q MDL RL 95-95-4 2,4,5-Trichlorophenol 100 U 0,100 100 88-96-2 2,4,6-Trichlorophenol 100 U 0,100 100 120-83-2 2,4-Dinitrophenol 250 U 0,100 250 121-14-2 2,4-Dinitrotoluene 100 U 0,100 100 95-97-8 2,5-Dinitrotoluene 100 U 0,100 100 95-97-8 2-Chlorophenol 100 U 0,100 100 95-97-8 2-Chlorophenol 100 U 0,100 100 91-57-6 2-Methylnaphthalene 100 U 0,100 100 98-75-5 2-Nitrophenol 100 U 0,100 250 88-75-5 2-Nitrophenol 100 U 0,100 100 99-09-2 3-Nitroaniline	or o oleanup.	Access to the property of the				
CAS NO. COMPOUND RESULT Q MDL RL 95-95-4 2,4,5-Trichlorophenol 100 U 0,100 100 120-83-2 2,4-Dichlorophenol 100 U 0,100 100 120-83-2 2,4-Dichlorophenol 100 U 0,100 100 120-83-2 121-14-2 124-Dinitrophenol 100 U 0,100 100 100 100 100 100	CONCENTRA	TION UNITS: ua/l				
95-95-4 2,4,5-Trichlorophenol 100 U 0,100 100 88-06-2 2,4,6-Trichlorophenol 100 U 0,100 100 100 120-83-2 2,4-Dichlorophenol 100 U 0,100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 125-85 2,4-Dinitrophenol 250 U 0,100 1	CONCENTION	TON OWNER BY	Prep Batch:	309219	Analytical Ba	itch: 312113
83-06-2 2,4,6-Trichlorophenol 100 U 0,100 100 120-83-2 2,4-Dichlorophenol 100 U 0,100 100	CAS NO.	COMPOUND	RESULT	Q	MDL	RL
120-83-2	95-95-4	2,4,5-Trichlorophenol	100	Ū	0.100	100
51-28-5 2,4-Dinitrophenol 250 U 0.100 250 121-14-2 2,4-Dinitrotoluene 100 U 0.100 100 606-20-2 2,6-Dinitrotoluene 100 U 0.100 100 91-58-7 2-Chloronaphthalene 100 U 0.100 100 95-57-8 2-Chlorophenol 100 U 0.100 100 91-57-6 2-Methylnaphthalene 100 U 0.100 100 88-74-4 2-Nitroaniline 250 U 0.100 250 88-75-5 2-Nitrophenol 100 U 0.100 100 91-94-1 3,3-Dichlorobenzidine 100 U 0.100 100 99-09-2 3-Nitroaniline 250 U 0.100 250 534-52-1 2-Methyl-4,6-dinitrophenol 250 U 0.100 250 59-50-7 4-Chloro-3-methylphenol 100 U 0.100 250 59-50-7 4-Chloro-3-methylphenol <td>88-06-2</td> <td>2,4,6-Trichlorophenol</td> <td>100</td> <td>U</td> <td>0.100</td> <td>100</td>	88-06-2	2,4,6-Trichlorophenol	100	U	0.100	100
121-14-2	120-83-2	2,4-Dichlorophenol	100	U	0.100	100
605-20-2 2,6-Dinitrotoluene 100 U 0.100 100 91-58-7 2-Chlorophenol 100 U 0.100 100 95-57-8 2-Chlorophenol 100 U 0.100 100 91-57-6 2-Methylnaphthalene 100 U 0.100 100 88-75-6 2-Nitrophenol 100 U 0.100 250 88-75-5 2-Nitrophenol 100 U 0.100 100 91-94-1 3,3'-Dichlorobenzidine 100 U 0.100 100 99-09-2 3-Nitroaniline 250 U 0.100 100 99-09-1 3-Nitroaniline 250 U 0.100 250 534-52-1 2-Methyl-4,6-dinitrophenol 250 U 0.100 250 59-50-7 4-Chloro-3-methylphenol 100 U 0.100 100 106-47-8 4-Chlorophenyl-phenylether 100 U 0.100 100 106-44-5 4-Methylphenol (p-Cresol)<	51-28-5	2,4-Dinitrophenol	250	U	0.100	250
91-58-7	121-14-2	2,4-Dinitrotoluene	100	U	0.100	100
95-57-8	606-20-2	2,6-Dinitrotoluene	100	U	0.100	100
91-57-6 2-Methylnaphthalene 100 U 0.100 100 88-74-4 2-Nitroaniline 250 U 0.100 250 88-75-5 2-Nitrophenol 100 U 0.100 100 91-94-1 3,3'-Dichlorobenzidine 100 U 0.100 100 99-09-2 3-Nitroaniline 250 U 0.100 250 534-52-1 2-Methyl-4,6-dinitrophenol 250 U 0.100 250 59-50-7 4-Chloro-3-methylphenol 100 U 0.100 100 106-47-8 4-Chlorophenyl-phenylether 100 U 0.100 100 106-44-5 4-Methylphenol (p-Cresol) 100 U 0.100 100 208-96-8 Acenaphthene 100 U 0.100 100 208-96-8 Acenaphthylene 100 U 0.100 100 202-12-7 Anthracene 100 U 0.100 100 50-32-8 Benzo(a)pyrene	91-58-7	2-Chloronaphthalene	100	U	0.100	100
88-74-4 2-Nitroaniline 250 U 0.100 250 88-75-5 2-Nitrophenol 100 U 0.100 100 99-09-2 3-Nitroaniline 250 U 0.100 250 534-52-1 2-Methyl-4,6-dinitrophenol 250 U 0.100 250 59-50-7 4-Chloro-3-methylphenol 100 U 0.100 100 106-47-8 4-Chlorophenyl-phenylether 100 U 0.100 100 7005-72-3 4-Chlorophenyl-phenylether 100 U 0.100 100 83-32-9 Acenaphthene 100 U 0.100 100 88-96-8 Acenaphthylene 100 U 0.100 100 120-12-7 Anthracene 100 U 0.100 100 56-55-3 Benzo(a)anthracene 100 U 0.100 100 50-32-8 Benzo(b)fluoranthene 100 U 0.100 100 205-99-2 Benzo(b)fluoranthene <td>95-57-8</td> <td>2-Chlorophenol</td> <td>100</td> <td>Ū</td> <td>0.100</td> <td>100</td>	95-57-8	2-Chlorophenol	100	Ū	0.100	100
88-75-5 2-Nitrophenol 100 U 0.100 100 91-94-1 3,3'-Dichlorobenzidine 100 U 0.100 100 99-09-2 3-Nitroaniline 250 U 0.100 250 534-52-1 2-Methyl-4,6-dinitrophenol 250 U 0.100 250 59-50-7 4-Chioro-3-methylphenol 100 U 0.100 100 106-47-8 4-Chlorophenyl-phenylether 100 U 0.100 100 7005-72-3 4-Chlorophenyl-phenylether 100 U 0.100 100 106-44-5 4-Methylphenol (p-Cresol) 100 U 0.100 100 83-32-9 Acenaphthene 100 U 0.100 100 208-96-8 Acenaphthylene 100 U 0.100 100 120-12-7 Anthracene 100 U 0.100 100 56-55-3 Benzo(a)anthracene 100 U 0.100 100 50-32-8 Benzo(b)fl	91-57-6	2-Methylnaphthalene	100	Ü	0.100	100
91-94-1 3,3'-Dichlorobenzidine 100 U 0.100 100 99-09-2 3-Nitroaniline 250 U 0.100 250 534-52-1 2-Methyl-4,6-dinitrophenol 250 U 0.100 250 59-50-7 4-Chloro-3-methylphenol 100 U 0.100 100 100 106-47-8 4-Chloroaniline 100 U 0.100 100 100 100 100 100 100 100 100 1	88-74-4	2-Nitroaniline	250	Ü	0.100	250
99-09-2 3-Nitroaniline 250 U 0.100 250 534-52-1 2-Methyl-4,6-dinitrophenol 250 U 0.100 250 59-50-7 4-Chloro-3-methylphenol 100 U 0.100 100 106-47-8 4-Chloroaniline 100 U 0.100 100 7005-72-3 4-Chlorophenyl-phenylether 100 U 0.100 100 106-44-5 4-Methylphenol (p-Cresol) 100 U 0.100 100 83-32-9 Acenaphthene 100 U 0.100 100 208-96-8 Acenaphthylene 100 U 0.100 100 120-12-7 Anthracene 100 U 0.100 100 56-55-3 Benzo(a)anthracene 100 U 0.100 100 50-32-8 Benzo(b)fluoranthene 100 U 0.100 100 207-99-2 Benzo(b)fluoranthene 100 U 0.100 100 207-08-9 Benzo(k)fluora	88-75-5	2-Nitrophenol	100	U	0.100	100
534-52-1 2-Methyl-4,6-dinitrophenol 250 U 0.100 250 59-50-7 4-Chloro-3-methylphenol 100 U 0.100 100 106-47-8 4-Chloroaniline 100 U 0.100 100 7005-72-3 4-Chlorophenyl-phenylether 100 U 0.100 100 106-44-5 4-Methylphenol (p-Cresol) 100 U 0.100 100 83-32-9 Acenaphthene 100 U 0.100 100 208-96-8 Acenaphthylene 100 U 0.100 100 120-12-7 Anthracene 100 U 0.100 100 56-55-3 Benzo(a)anthracene 100 U 0.100 100 50-32-8 Benzo(a)pyrene 100 U 0.100 100 205-99-2 Benzo(b)fluoranthene 100 U 0.100 100 207-08-9 Benzo(k)fluoranthene 100 U 0.100 100 111-91-1 Bis(2-Chloroe	91-94-1	3,3'-Dichlorobenzidine	100	U	0.100	100
59-50-7 4-Chloro-3-methylphenol 100 U 0.100 100 106-47-8 4-Chloroaniline 100 U 0.100 100 7005-72-3 4-Chlorophenyl-phenylether 100 U 0.100 100 106-44-5 4-Methylphenol (p-Cresol) 100 U 0.100 100 83-32-9 Acenaphthene 100 U 0.100 100 208-96-8 Acenaphthylene 100 U 0.100 100 120-12-7 Anthracene 100 U 0.100 100 56-55-3 Benzo(a)anthracene 100 U 0.100 100 50-32-8 Benzo(a)pyrene 100 U 0.100 100 205-99-2 Benzo(b)fluoranthene 100 U 0.100 100 191-24-2 Benzo(g,h,i)perylene 100 U 0.100 100 207-08-9 Benzo(k)fluoranthene 100 U 0.100 100 111-91-1 Bis(2-Chloroethoxy)methane 100 U 0.100 100 111-44-4	99-09-2	3-Nitroaniline	250	U	0.100	250
106-47-8 4-Chloroaniline 100 U 0.100 100 7005-72-3 4-Chlorophenyl-phenylether 100 U 0.100 100 106-44-5 4-Methylphenol (p-Cresol) 100 U 0.100 100 83-32-9 Acenaphthene 100 U 0.100 100 208-96-8 Acenaphthylene 100 U 0.100 100 120-12-7 Anthracene 100 U 0.100 100 56-55-3 Benzo(a)anthracene 100 U 0.100 100 50-32-8 Benzo(a)pyrene 100 U 0.100 100 205-99-2 Benzo(b)fluoranthene 100 U 0.100 100 191-24-2 Benzo(g,h,i)perylene 100 U 0.100 100 207-08-9 Benzo(k)fluoranthene 100 U 0.100 100 111-91-1 Bis(2-Chloroethoxy)methane 100 U 0.100 100 111-44-4 Bis(2-Chloroethyl)ether 100 U 0.100 100	534-52-1	2-Methyl-4,6-dinitrophenol	250	U	0.100	250
7005-72-3 4-Chlorophenyl-phenylether 100 U 0.100 100 106-44-5 4-Methylphenol (p-Cresol) 100 U 0.100 100 83-32-9 Acenaphthene 100 U 0.100 100 208-96-8 Acenaphthylene 100 U 0.100 100 120-12-7 Anthracene 100 U 0.100 100 56-55-3 Benzo(a)anthracene 100 U 0.100 100 50-32-8 Benzo(a)pyrene 100 U 0.100 100 205-99-2 Benzo(b)fluoranthene 100 U 0.100 100 191-24-2 Benzo(g,h,i)perylene 100 U 0.100 100 207-08-9 Benzo(k)fluoranthene 100 U 0.100 100 111-91-1 Bis(2-Chloroethoxy)methane 100 U 0.100 100 111-44-4 Bis(2-Chloroethyl)ether 100 U 0.100 100	59-50-7	4-Chioro-3-methylphenol	100	U	0.100	100
106-44-5 4-Methylphenol (p-Cresol) 100 U 0.100 100 83-32-9 Acenaphthene 100 U 0.100 100 208-96-8 Acenaphthylene 100 U 0.100 100 120-12-7 Anthracene 100 U 0.100 100 56-55-3 Benzo(a)anthracene 100 U 0.100 100 50-32-8 Benzo(a)pyrene 100 U 0.100 100 205-99-2 Benzo(b)fluoranthene 100 U 0.100 100 191-24-2 Benzo(g,h,i)perylene 100 U 0.100 100 207-08-9 Benzo(k)fluoranthene 100 U 0.100 100 111-91-1 Bis(2-Chloroethoxy)methane 100 U 0.100 100 111-44-4 Bis(2-Chloroethyl)ether 100 U 0.100 100	106-47-8	4-Chloroaniline	100	U	0.100	100
83-32-9 Acenaphthene 100 U 0.100 100 208-96-8 Acenaphthylene 100 U 0.100 100 120-12-7 Anthracene 100 U 0.100 100 56-55-3 Benzo(a)anthracene 100 U 0.100 100 50-32-8 Benzo(a)pyrene 100 U 0.100 100 205-99-2 Benzo(b)fluoranthene 100 U 0.100 100 191-24-2 Benzo(g,h,i)perylene 100 U 0.100 100 207-08-9 Benzo(k)fluoranthene 100 U 0.100 100 111-91-1 Bis(2-Chloroethoxy)methane 100 U 0.100 100 111-44-4 Bis(2-Chloroethyl)ether 100 U 0.100 100	7005-72-3	4-Chlorophenyl-phenylether	100	U	0.100	100
208-96-8 Acenaphthylene 100 U 0.100 100 120-12-7 Anthracene 100 U 0.100 100 56-55-3 Benzo(a)anthracene 100 U 0.100 100 50-32-8 Benzo(a)pyrene 100 U 0.100 100 205-99-2 Benzo(b)fluoranthene 100 U 0.100 100 191-24-2 Benzo(g,h,i)perylene 100 U 0.100 100 207-08-9 Benzo(k)fluoranthene 100 U 0.100 100 111-91-1 Bis(2-Chloroethoxy)methane 100 U 0.100 100 111-44-4 Bis(2-Chloroethyl)ether 100 U 0.100 100	106-44-5	4-Methylphenol (p-Cresol)	100	U	0.100	100
120-12-7 Anthracene 100 U 0.100 100 56-55-3 Benzo(a)anthracene 100 U 0.100 100 50-32-8 Benzo(a)pyrene 100 U 0.100 100 205-99-2 Benzo(b)fluoranthene 100 U 0.100 100 191-24-2 Benzo(g,h,i)perylene 100 U 0.100 100 207-08-9 Benzo(k)fluoranthene 100 U 0.100 100 111-91-1 Bis(2-Chloroethoxy)methane 100 U 0.100 100 111-44-4 Bis(2-Chloroethyl)ether 100 U 0.100 100	83-32-9	Acenaphthene	100	U	0.100	100
56-55-3 Benzo(a)anthracene 100 U 0.100 100 50-32-8 Benzo(a)pyrene 100 U 0.100 100 205-99-2 Benzo(b)fluoranthene 100 U 0.100 100 191-24-2 Benzo(g,h,i)perylene 100 U 0.100 100 207-08-9 Benzo(k)fluoranthene 100 U 0.100 100 111-91-1 Bis(2-Chloroethoxy)methane 100 U 0.100 100 111-44-4 Bis(2-Chloroethyl)ether 100 U 0.100 100	208-96-8	Acenaphthylene	100	U	0.100	100
50-32-8 Benzo(a)pyrene 100 U 0.100 100 205-99-2 Benzo(b)fluoranthene 100 U 0.100 100 191-24-2 Benzo(g,h,i)perylene 100 U 0.100 100 207-08-9 Benzo(k)fluoranthene 100 U 0.100 100 111-91-1 Bis(2-Chloroethoxy)methane 100 U 0.100 100 111-44-4 Bis(2-Chloroethyl)ether 100 U 0.100 100	120-12-7	Anthracene	100	U	0.100	100
205-99-2 Benzo(b)fluoranthene 100 U 0.100 100 191-24-2 Benzo(g,h,i)perylene 100 U 0.100 100 207-08-9 Benzo(k)fluoranthene 100 U 0.100 100 111-91-1 Bis(2-Chloroethoxy)methane 100 U 0.100 100 111-44-4 Bis(2-Chloroethyl)ether 100 U 0.100 100	56-55-3	Benzo(a)anthracene	100	Ú	0.100	100
191-24-2 Benzo(g,h,i)perylene 100 U 0.100 100 207-08-9 Benzo(k)fluoranthene 100 U 0.100 100 111-91-1 Bis(2-Chloroethoxy)methane 100 U 0.100 100 111-44-4 Bis(2-Chloroethyl)ether 100 U 0.100 100	50-32-8	Benzo(a)pyrene	100	U	0.100	100
207-08-9 Benzo(k)fluoranthene 100 U 0.100 100 111-91-1 Bis(2-Chloroethoxy)methane 100 U 0.100 100 111-44-4 Bis(2-Chloroethyl)ether 100 U 0.100 100	205-99-2	Benzo(b)fluoranthene	100	Ü	0.100	100
111-91-1 Bis(2-Chloroethoxy)methane 100 U 0.100 100 111-44-4 Bis(2-Chloroethyl)ether 100 U 0.100 100	191-24-2	Benzo(g,h,i)perylene	100	U	0.100	100
111-44-4 Bis(2-Chloroethyl)ether 100 U 0.100 100	207-08-9	Benzo(k)fluoranthene	100	U	0.100	100
111-44-4 Bis(2-Chloroethyl)ether 100 U 0.100 100	111-91-1	Bis(2-Chloroethoxy)methane	100	U	0.100	100
108-60-1 bis(2-Chloroisopropyl)ether 100 U 0.100 100	111-44-4	Bis(2-Chloroethyl)ether	100	υ	0.100	100
	108-60-1	bis(2-Chloroisopropyl)ether	100	Ū	0.100	100

Lab Name: GCAL		Sample ID: SK-GWEB-1016			
Lab Code: LA024 Case No.:		Contract:			
SAS No.:	SDG No.: 205120839	Lab File ID:	2060107P/E	38128	
Matrix: Wate		Lab Sample II	D: 205120	83918	
Sample wt/vot	1000 Units: mL	Date Collected	12/08/0	5 Time	· 1433
					. 1400
Level: (low/med	d) LOW	Date Received			
% Moisture:	decanted: (Y/N)	Date Extracted	i: 12/12/0	5	*
GC Column: [DB-5MS-30M ID: .25 (mm)	Date Analyzed	: 01/07/0	6 Time	: 1833
Concentrated E	Extract Volume: 1000 (µL)	Dilution Factor	: 10	Anal	yst: JAR3
Injection Volum	ne: 1.0 (µL)	Prep Method:	OLM4.2	SVOA	
	(Y/N) N pH:	Analytical Meth	nod: OLM	10 4.2	
CONCENTRAT	TION UNITS: ug/L				
CACNO	COMPOUND			Analytical Ba	
CAS NO.	COMPOUND	RESULT	Q	MDL	RL
117-81-7	bis(2-ethylhexyl)phthalate	453	В	0.100	100
101-55-3	4-Bromophenyl-phenylether	100	U	0.100	100
85-68-7	Butylbenzylphthalate	100	U	0.100	100
86-74-8	Carbazole	100	U	0.100	100
218-01-9	Chrysene	100	U	0.100	100
84-74-2	Di-n-butylphthalate	100	U	0.100	100
117-84-0	Di-n-octylphthalate	100	J	0.100	100
53-70-3	Dibenz(a,h)anthracene	100	U	0.100	100
132-64-9	Dibenzofuran	100	U	0.100	100
84-66-2	Diethylphthalate	100	Ü	0.100	100
131-11-3	Dimethyl-phthalate	100	U	0.100	100
105-67-9	2,4-Dimethylphenol	100	U	0.100	100
206-44-0	Fluoranthene	100	U	0.100	100
86-73-7	Fluorene	100	U	0.100	100
118-74-1	Hexachlorobenzene	100	U	0.100	100
87-68-3	Hexachlorobutadiene	100	U	0.100	100
77-47-4	Hexachlorocyclopentadiene	100	U	0.100	100
67-72-1	Hexachloroethane	100	Ú	0.100	100
193-39-5	Indeno(1,2,3-cd)pyrene	100	U	0.100	100
78-59-1	Isophorone	100	U	0.100	100
91-20-3	Naphthalene	100	U	0.100	100
100-01-6	4-Nitroaniline	250	U	0.100	250
98-95-3	Nitrobenzene	100	Ü	0.100	100
100-32-7	4-Nitrophenol	250	U	0.100	250
87-83-5	Pentachlorophenol	250	U	0.100	250
85-01-8	Phenanthrene	100	U	0.100	100
108-95-2	Phenol	100	U	0.100	100
129-00-0	Pyrene	100	U	0.100	100
621-64-7	N-Nitroso-di-n-propylamine	100	U	0.100	100

Lab Name: (GCAL	Sample ID: S	K-GWEB-1	016	war water was a six
Lab Code: L	A024 Case No.:	Contract:		and the second of the second o	
SAS No.:	SDG No.: 205120839	Lab File ID: 2	060107P/B	8128	
Matrix: Wate		Lab Sample ID	: 2051208	33918	
Sample wt/vol:	1000 Units: mL	Date Collected:	12/08/05	Time:	1433
Level: (low/me	d) LOW	Date Received: 12/10/05			
	decanted: (Y/N)	Date Extracted: 12/12/05			
GC Column:	DB-5MS-30M ID: .25 (mm)	Date Analyzed: 01/07/06 Time: 1833			: 1833
Concentrated E	Extract Volume: 1000 (µL)	Dilution Factor:	10	Anal	st: JAR3
	ne: 1.0 (µL)	Prep Method: OLM4.2 SVOA			
	(Y/N) N pH:	Analytical Meth	od: OLM	O 4.2	transport and a state of the contract of
		Instrument ID:	MSSV3	par ye. West a great as as car	\$12.50 PETER PETER 10 10 10 10
CONCENTRATION UNITS: ug/L		Prep Batch: 3	09219	Analytical Ba	tch: 312113
CAS NO.	COMPOUND	RESULT	Q	MDL	RL
86-30-6	N-Nitrosodiphenylamine	100	U	0.100	100
95-48-7	o-Cresol	100	U	0.100	100

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL	Sample ID: SK-GWEB-1016
Lab Code: LA024 Case No.:	Contract:
SAS No.: SDG No.: 205120839	Lab File ID: 2060107P/B8128
Matrix: Water	Lab Sample ID: 20512083918
Sample wt/vol: Units:	Date Collected: 12/08/05 Time: 1433
Level: (low/med)	Date Received: 12/10/05
% Moisture: not dec.	Date Extracted: 12/12/03
GC Column: DB-5MS-30M ID: .25 (mm)	Date Analyzed: 01/07/06 Time: 1833
Concentrated Extract Volume: 1000 (µL)	Dilution Factor: 10 Analyst: JAR3
Injection Volume: 1.0 (µL)	Prep Method: Unoq. L
GPC Cleanup: (Y/N) N pH:	Analytical Method: SW-846 8270C
The second secon	Instrument ID: MSSV3
Number TICs Found: 3	
CONCENTRATION UNITS:ug/L	
CAS NO. COMPOUND	RT EST. CONC. Q
1 . 112-39-0 Hexadecanoic acid, methyl este	4.394 14.8
2. 0-00-0 Methyl 2-ethylhexyl phthalate	4.644 18.1
3 112-61-8 Octadecanoic acid, methyl este	4.88 10.4

3/B/06

Lat Name: GCAL	Sample ID: SK-GW06R-1016
Lab Code: LA024 Case No.:	
Matrix: Water	CAC No
Sample wt/vol: 1000 Units: mL	Lab Sample ID: 20512083901
Level: (low/med) LOW	Date Collected: 12/06/05 Time: 1326
% Moisture: decanted: (Y/N)	
GC Column: ID: (mm	
Concentrated Extract Volume: 1000 (µL	
Soil Aliquot Volume: (µL) Dilution Factor: 1 Analyst: TLS
Injection Volume: 1 (µL	
GPC Cleanup: (Y/N) N pH:	
Prep Batch: 309220 Analytical Batch: 310869	
	Lab File ID: 2051220/SV18A020
CONCENTRATION UNITS: vg/L	
CAS NO. COMPOUND	RESULT Q MDL RL
72-54-8 4,4'-DDD	0.100 U 0.000100 ().100
72-55-9 4,4'-DDE	0.100 U 0.000100 0.100
50-29-3 4,4'-DDT	0.100 U 0.000100 (.100
309-00-2 Aldrin	0.050 U 0.000100 0.050
12674-11-2 Aroclor-1016	1.00 U 0.000100 1.00
111C4-28-2 Arocior-1221	2.00 U 0.000100 2.00
11141-16-5 Aroclor-1232	1.00 U 0.000100 1.00
53469-21-9 Aroclor-1242	1.00 U 0.000100 1.00
12672-29-6 Aroclor-1248	1.00 U 0.000100 1.00
11097-69-1 Aroclor-1254	1.00 U 0.000100 1.00
11096-82-5 Aroclor-1260	1.00 U 0.000100 1.00
60-57-1 Dieldrin	0.100 U 0.000100 0 100
959-98-8 Endosulfan I	0.050 U 0.000100 0.050
33213-65-9 Endosulfan II	0.100 U 0.000100 0.100
1031-07-8 Endosulfan sulfate	0.100 U 0.000100 0.100
72-2C-8 Endrin	0.100 U 0.000100 0.100 0.100 U 0.000100 0.100
7421-93-4 Endrin aldehyde 53494-70-5 Endrin ketone	
76-44-8 Heptachlor 1024-57-3 Heptachlor epoxide	0.050 U 0.000100 0.050 0.050 U 0.000100 0.350
<u></u>	
72-43-5 Methoxychlor	
8001-35-2 Toxaphene	
319-84-6 alpha-BHC	
319-85-7 beta-BHC	0.050 U 0.000100 0.050 0.050 U 0.000100 0.050
319-86-8 delta-BHC	
58-89-9 gamma-BHC (Lindane)	0.050 U 0.000100 0.050
(5.11.5-) 4-7 IOSMMS-CRIOGRAPE	

Lab Name: GCAL	Sample ID: SK-GW63-1016
Lab Code: LA024 Case No.;	Contract:
Matrix: Water	SAS No.: SDG No.: 205120839
Sarnple wt/vol: 1000 Units: mL	Lab Sample ID: 20512083903
Level: (low/med) LOW	Date Collected: 12/07/05 Time: 1332
% Moisture: decanted: (Y/N)	Date Received: 12/08/05
GC Column: ID: (mm)	Date Extracted: 12/12/05
Concentrated Extract Volume: 1000 (µL)	Date Analyzed: 12/20/05 Time: 2222
Soil Aliquot Volume: (µL)	Dilution Factor: 1 Analyst: TLS
Injection Volume: 1 (µL)	Prep Method: OLM4.2 PEST/PCB
GPC Cleanup: (Y/N) N pH:	Analytical Method: OLMO 4.2
Prep Batch: 309220 Analytical Batch: 310869	Sulfur Cleanup: (Y/N) N Instrument ID: GCS18A
CONCENTRATION UNITS: ug/L	Lab File ID: 2051220/SV18A021
CAS NO. COMPOUND	RESULT Q MDL RL
72-54-8 4.4'-DDD	0.100 U 0.000100 0.100
72-55-9 4,4'-DDE	0.100 U 0.000100 0.100
50-29-3 4,4'-DDT	0.100 U 0.000100 0.100
309-00-2 Aldrin	0.050 U 0.000100 0.050
12674-11-2 Aroclor-1016	1.00 U 0.000100 1.00
11104-28-2 Aroclor-1221	2.00 U 0.000100 2.00
11141-16-5 Aroclor-1232	1.00 U 0.000100 1.00
53469-21-9 Aroclor-1242	1.00 U 0.000100 1.00
12672-29-6 Aroclor-1248	1.00 U 0.000100 1.00
11097-69-1 Aroclor-1254	1.00 U 0.000100 1.00
11096-82-5 Aroclor-1260	1.00 U 0.000100 1.00
60-57-1 Dieldrin	0.100 U 0.000100 0.100
959-98-8 Endosulfan I	0.050 U 0.000100 0.050
33213-65-9 Endosulfan II	0.100 U 0.000100 0.100
1031-07-8 Endosulfan sulfate	0.100 U 0.000100 0.100
72-23-8 Endrin	0.100 U 0.000100 C.100
7421-93-4 Endrin aldehyde	0.100 U 0.000100 C.100
53494-70-5 Endrin ketone	0.100 U 0.000100 0.100
76-44-8 Heptachlor	0.050 U 0.000100 0.050
1024-57-3 Heptachlor epoxide	0.050 U 0.000100 0.050
72-43-5 Methoxychlor	0.500 U 0.000100 0.500
8001-35-2 Toxaphene	5.00 U 0.000100 5.00
319-84-6 alpha-BHC	0.050 U 0.000100 0.050
5103-71-9 alpha-Chlordane	0.050 U 0.000100 0.050
319-85-7 beta-BHC	0.050 U 0.000100 0.050
319-86-8 delta-BHC	0.050 U 0.000100 0.050
58-89-9 gamma-BHC (Lindane)	0.050 U 0.000100 0.050
5103.74.2 gamma-Chlordane	0.050 11 0.000100 0.050

Lab Name: GCAL	Sample ID: SK-GW64-1016
Lab Code: LA024 Case No.:	Contract:
Matrix: Water	SAS No.: SDG No.: 205120839
Sample wt/vol: 1000 Units: mL	Lab Sample ID: 20512083904
	After the Mills of hadronic and an old differentiable from tobor on to.
Level: (low/med) LOW	Date Collected: 12/07/05 Time: 1410
% Moisture: decanted: (Y/N)	Date Received: 12/08/05
GC Column: ID: (mm)	Date Extracted: 12/12/05
Concentrated Extract Volume: 1000 (μL)	Date Analyzed: 12/20/05 Time: 2240
So/l Aliquot Volume: (μL)	Dilution Factor: 1 Analyst: TLS
Injection Volume: 1 (µL)	Prep Method: OLM4.2 PEST/PCB
GPC Cleanup: (Y/N) N pH:	Analytical Method: OLMO 4.2
Prep Batch: 309220 Analytical Batch: 310869	Sulfur Cleanup: (Y/N) N Instrument ID: GCS18A
CONCENTRATION UNITS: ug/L	Lab File ID: 2051220/SV18A022
CAS NO. COMPOUND	RESULT Q MDL RL
72-54-8 4,4'-DDD	0.100 U 0.000100 0.100
72-55-9 4,4'-DDE	0.100 U 0.000100 0.100
50-29-3 4,4'-DDT	0.100 U 0.000100 0.100
309-00-2 Aldrin	0.050 U 0.000100 0.050
12674-11-2 Aroclor-1016	1.00 U 0.000100 1.00
11104-28-2 Aroclor-1221	2.00 U 0.000100 2.00
11141-16-5 Aroclor-1232	1.00 U 0.000100 1.00
53469-21-9 Aroclor-1242	1.00 U 0.000100 1.00
12672-29-6 Aroclor-1248	1.00 U 0.000100 1.00
11097-69-1 Aroclor-1254	1.00 U 0.000100 1.00
11096-82-5 Aroclor-1260	1.00 U 0.000100 1.00
60-57-1 Dieldrin	0.100 U 0.000100 0.100
959-98-8 Endosulfan I	0.050 U 0.000100 0.050
33213-65-9 Endosulfan II	0.100 U 0.000100 0.100
1031-07-8 Endosulfan sulfate	0.100 U 0.000100 0.100
72-20-8 Endrin	0.100 U 0.000100 0.100
7421-93-4 Endrin aldehyde	0.100 U 0.000100 0.100
53494-70-5 Endrin ketone	0.100 U 0.000100 0.100
76-44-8 Heptachlor	0.050 U 0.000100 0.050
1024-57-3 Heptachlor epoxide	0.050 U 0.000100 0.050
72-43-5 Methoxychlor	0.500 U 0.000100 0.500
8001-35-2 Toxaphene	5.00 U 0.000100 5.00
319-84-6 alpha-BHC	0.050 U 0.000100 C.050
5103-71-9 alpha-Chlordane	0.050 U 0.000100 C.050
319-35-7 beta-BHC	0.050 U 0.000100 0.050
319-36-8 delta-BHC	0.050 U 0.000100 0.050
58-89-9 gamma-BHC (Lindane)	0.050 U 0.000100 0.050
5103-74-2 gamma-Chlordane	0.050 U 0.000100 0.050

Lab Name: GCAL	Sample ID: SK-GW59-1016	
Lab Code: LA024 Case No.:	Contract:	
Matrix: Water	SAS No.: SDG No.: 205120839	
Sample wt/vol: 1000 Units: mL	Lab Sample ID: 20512083910	
Level: (low/med) LOW	Date Collected: 12/08/05 Time: 0915	
% Moisture: decanted: (Y/N)	Date Received: 12/10/05	
GC Column: ID: (mm)	Date Extracted: 12/12/05	
Concentrated Extract Volume: 1000 (µL)	Date Analyzed: 12/20/05 Time: 2259	
Soil Aliquot Volume: (µL)	Dilution Factor: 1 Analyst: TLS	
Injection Volume: 1 (µL)	Prep Method: OLM4.2 PEST/PCB	
GPC Cleanup: (Y/N) N pH:	Analytical Method: OLMO 4.2	
Prep Batch: 309220 Analytical Batch: 310869	Sulfur Cleanup: (Y/N) N Instrument ID: GCS18A	
CONCENTRATION UNITS: ug/L	Lab File ID: 2051220/SV18A023	
CAS NO. COMPOUND	RESULT Q MDL RL	
72-54-8 4,4'-DDD		įŚ
72-55-9 4 ,4'-DDE	0.100 U 0.000100 0.100	1
50-29-3 4,4'-DDT	0.100 U 0.000100 0.100	
309-00-2 Aldrin	0.050 U 0.000100 0.050	1
12674-11-2 Aroclor-1016	1.00 U 0.000100 1.00	1
11104-28-2 Aroclor-1221	2.00 U 0.000100 2.00	1
11141-16-5 Aroclor-1232	1.00 U 0.000100 1.00	
53469-21-9 Aroclor-1242	1.00 U 0.000100 1.00	
12672-29-6 Aroclor-1248	1.00 U 0.000100 1.00	
11097-69-1 Aroclor-1254	1.00 U 0.000100 1.00	-
11096-82-5 Aroclor-1260	1.00 U 0.000100 1.00	
60-57-1 Dieldrin	0.100 U 0.000100 C.100	
959-98-8 Endosulfan I	0.050 U 0.000100 0.050	
33213-65-9 Endosulfan II	0.100 U 0.000100 0.100	1
1031-07-8 Endosulfan sulfate	0.100 U 0.000100 0.100	
72-20-8 Endrin 7421-93-4 Endrin aldehyde	0.100 U 0.000100 0.100	1
	0.100 U 0.000100 0.100 0.100 U 0.000100 0.100	
53494-70-5 Endrin ketone 76-44-8 Heptachlor		
	0.050 U 0.000100 0.050 0.050 U 0.000100 0.050	l
1024-57-3 Heptachlor epoxide 72-43-5 Methoxychlor		
	0.500 U 0.000100 0.500 5.00 U 0.000100 5.00	1
	0.050 U 0.000100 0.050	1
5103-71-9 alpha-Chlordane	0.050 U 0.000100 0.350	{
319-85-7 beta-BHC	0.050 U 0.000100 0.050	1
319-86-8	0.050 U 0.000100 0.050	1
58-89-9 gamma-BHC (Lindane)	0.050 U 0.000100 0.050	
5103-74-2 gamma-Chlordane	0.050 U 0.000100 0.050	Ť

FORM | ORG-1

Lab Name:	GCAL	Sample ID: S	K-GW62A-1	016		
Lab Code:	LA024 Case No.:			a, families, ara- lage sur er assignment of the same, wa		
	ter			SDG No.:		********
	l: 1000 Units: mL	Lab Sample ID:	20512083	3911		
	ed) LOW	Date Collected:	12/08/05	Time:	0936	
% Moisture:	decanted: (Y/N)					
GC Column:	ID: (mm)			ere i de la Sallenti, se minima proprio de la Sallentina de la Sallentina de la Sallentina de la Sallentina de		
Concentrated	Extract Volume: 1000 (µL)	Date Analyzed:	12/20/05		2317	
Soil Aliquot V	olume: (µL)			Analys		
Injection Volu	me: 1 (µL)			ST/PCB		
	o: (Y/N) N pH:	Analytical Metho		142		
	309220 Analytical Batch: 310869	Sulfur Cleanup:	(Y/N) N	Instrument I		otor*:
	ATION UNITS: ug/L	Lab File ID:		20/SV18A024	The second secon	
	COMPOUND	RESULT	Q	MDL	RL	
72-54-8	[4,4'-DDD	0.100	Ū	0.000100	0.100	Tu
72-55-9	4,4'-DDE	0.100	U	0.000100	0.100	⊣" i
50-29-3	4,4'-DDT	0.100	U	0.000100	0.100	-
309-00-2	Aldrin	0.050	U	0.000100	0.050	\dashv
12674-11-2	Aroclor-1016	1.00	Ū	0.000100	1.00	
11104-28-2	Aroclor-1221	2.00	Ū	0.000100	2.00	
11141-16-5	Aroclor-1232	1.00	Ū	0.000100	1.00	
53469-21-9	Aroclor-1242	1.00	U	0.000100	1.00	1
12672-29-6	Aroclor-1248	1.00	Ū	0.000100	1.00	-
11097-69-1	Aroclor-1254	1.00	U	0.000100	1.00	
11096-82-5	Aroclor-1260	1.00	U	0.000100	1.00	-
60-57-1	Dieldrin	0.100	U	0.000100	0.100	
959-98-8	Endosulfan I	0.050	U	0.000100	0.050	-
	Endosulfan II	0.100	U	0.000100	0.100	-
1031-07-8	Endosulfan sulfate	0.100	U	0.000100	C.100	1
72-20-8	Endrin	0.100	U	0.000100	C.100	
7421-93-4	Endrin aldehyde	0.100	U	0.000100	0.100	┌ !
53494-70-5	Endrin ketone	0.100	U	0.000100	0.100	
76-44-8	Heptachlor	0.050	U	0.000100	0.050	7
1024-57-3	Heptachlor epoxide	0.050	Ü	0.000100	0.050	┑.
72-43-5	Methoxychlor	0.500	U	0.000100	0.500	
8001-35-2	Toxaphene	5.00	U	0.000100	5.00	
319-84-6	alpha-BHC	0.050	U	0.000100	0 050	-
5103- 71-9	alpha-Chlordane	0.050	٦	0.000100	0 050	7
319-85-7	beta-BHC	0.050	U	0.000100	0.050	-
319-86-8	delta-BHC	0.050	Ú	0.000100	0.050	
58-89-9	gamma-BHC (Lindane)	0.050	U	0.000100	0.050	7
	gamma_Chlordane	0.050	11	0.000100	0.050	~

FORM | ORG-1

Lab Name: GCAL	Sample ID: SK-GW58-1016
Lab Code: LA024 Case No.:	Contract:
Matrix: Water	SAS No.: SDG No.: 205120839
Sample wt/vol: 1000 Units: mL	Lab Sample ID: 20512083912
Level: (low/med) LOW	Date Collected: 12/08/05 Time: 1240
% Moisture: decanted: (Y/N)	Date Received: 12/10/05
GC Column: ID: (mm)	Date Extracted: 12/12/05
Concentrated Extract Volume: 1000 (µL)	Date Analyzed: 12/20/05 Time: 2336
process of processing and an approximate of the section of the sec	Dilution Factor: 1 Analyst: TLS
Injection Volume: 1 (µL)	Prep Method: OLM4.2 PEST/PCB
GPC Cleanup: (Y/N) N pH:	Analytical Method: OLMO 4.2
Prep Batch: 309220 Analytical Batch: 310869	
CONCENTRATION UNITS: ua/L	Lab File ID: 2051220/SV18A025
CAS NO. COMPOUND	RESULT Q MDL RL
72-54-8 4,4'-DDD	0.100 U 0.000100 0.100
72-55-9 4,4'-DDE	0.100 U 0.000100 0.100
50-29-3 4.4'-DDT	0.100 U 0.000100 0.100
309-00-2 Aldrin	0.050 U 0.000100 0.050
12674-11-2 Aroclor-1016	1.00 U 0.000100 1.00
11104-28-2 Aroclor-1221	2.00 U 0.000100 2.00
11141-16-5 Aroclor-1232	1.00 U 0.000100 1.00
53469-21-9 Aroclor-1242	1.00 U 0.000100 1.00
12672-29-6 Aroclor-1248	1.00 U 0.000100 1.00
11097-69-1 Aroclor-1254	1.00 U 0.000100 1.00
11096-82-5 Aroclor-1260	1.00 U 0.000100 1.00
60-57-1 Dieldrin	0.100 U 0.000100 0.100
959-98-8 Endosulfan I	0.050 U 0.000100 0.050
33213-65-9 Endosulfan II	0.100 U 0.000100 0.100
1031-07-8 Endosulfan sulfate	0.100 U 0.000100 0.100
72-20-8 Endrin	0.100 U 0.000100 0.100
7421-93-4 Endrin aldehyde	0.100 U 0.000100 0.100
53494-70-5 Endrin ketone	0.100 U 0.000100 0.100
76-44-8 Heptachlor	0.050 U 0.000100 0.050
1024-57-3 Heptachlor epoxide	0.050 U 0.000100 0.050
72-43-5 Methoxychlor	0.500 U 0.000100 0.500
8001-35-2 Toxaphene	5.00 U 0.000100 5.00
319-84-6 alpha-BHC	0.050 U 0.000100 0.050
5103-71-9 alpha-Chlordane	0.050 U 0.000100 0.050
319-85-7 beta-BHC	0.050 U 0.000100 0.050
319-86-8 delta-BHC	0.050 U 0.000100 0.050
58-89-9 gamma-BHC (Lindane)	0.050 U 0.000100 0.050
5103-74-2 gamma-Chlordane	0.050 U 0.000100 0.050

FORM | ORG-1

Lab Name: GCAL	Sample ID: SK-GW58FD-1016
Lab Code: LA024 Case No.:	Contract:
Matrix: Water	SAS No.: SDG No.: 205120839
Sample wt/vol: 1000 Units: mL	Lab Sample ID: 20512083913
Level: (low/med) LOW	Date Collected: 12/08/05 Time: 1304
% Moisture: decanted: (Y/N)	Date Received: 12/10/05
GC Column: ID: (mm)	Date Extracted: 12/12/05
Concentrated Extract Volume: 1000 (µL)	Date Analyzed: 12/20/05 Time: 2355
Soil Aliquot Volume: (µL)	Dilution Factor: 1 Analyst: TLS
Injection Volume: 1 (µL)	Prep Method: OLM4.2 PEST/PCB
GPC Cleanup: (Y/N) N pH:	Analytical Method: OLMO 4.2
	ای می ادامان کا به این از این این این از این این از این
Prep Batch: 309220 Analytical Batch: 310869	Sulfur Cleanup: (Y/N) N Instrument ID: GCS18A
CONCENTRATION UNITS: ug/L	Lab File ID: 2051220/SV18A026
CAS NO. COMPOUND	RESULT Q MDL RL
72-54-8 4,4'-DDD	0.100 U 0.000100 0.100
72-55-9 4,4'-DDE	0.100 U 0.000100 0.100
50-29-3 4,4'-DDT	0.100 U 0.000100 0.100
309-00-2 Aldrin	0.050 U 0.000100 0.050
12674-11-2 Aroclor-1016	1.00 U 0.000100 1.00
111C4-28-2 Aroclor-1221	2.00 U 0.000100 2.00
11141-16-5 Aroclor-1232	1.00 U 0.000100 1.00
53469-21-9 Arocior-1242	1.00 U 0.000100 1.00
12672-29-6 Aroclor-1248	1.00 U 0.000100 1.00
11097-69-1 Aroclor-1254	1.00 U 0.000100 1.00
11096-82-5 Aroclor-1260	1.00 U 0.000100 1.00
60-57-1 Dieldrin	0.100 U 0.000100 0.100
959-98-8 Endosulfan I	0.050 U 0.000100 0.050
33213-65-9 Endosulfan II	0.100 U 0.000100 0 100
*031-07-8 Endosulfan sulfate	0.100 U 0.000100 0 100
72-20-8 Endrin	0.100 U 0.000100 0.100
7421-93-4 Endrin aldehyde	0.100 U 0.000100 0.100
53494-70-5 Endrin ketone	0.100 U 0.000100 0.100
76-44-8 Heptachlor	0.050 U 0.000100 0.050
1024-57-3 Heptachlor epoxide	0.050 U 0.000100 0.050
72-43-5 Methoxychlor	0.500 U 0.000100 0.500
8001-35-2 Toxaphene	5.00 U 0.000100 5.00
319-84-6 alpha-BHC	0.050 U 0.000100 0.050
5103-71-9 alpha-Chlordane	0.050 U 0.000100 0.050
319-85-7 beta-BHC	0.050 U 0.000100 0.050
319-86-8 delta-BHC	0.050 U 0.000100 0.050
58-89-9 gamma-BHC (Lindane)	0.050 U 0.000100 0.050
5103 74.2 camma Chlordana	0.050

1D ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL	Sample ID: SI	K-GWEB-10)16	grand more granders and a supplier planet consistence while g	
Lab Code: LA024 Case No.;	Contract:				
Matrix: Water			SDG No.:		
Sample wt/vol: 1000 Units: mL	Lab Sample ID:	20512083	3918		
Level: (low/med) LOW	Date Collected:	12/08/05	Time:	1433	
% Moisture: decanted: (Y/N)				A COMPANY OF THE PROPERTY OF T	
GC Column: ID: (mm)				eng inflammatika o ni ni manu laka ni oo tiin wannaan kajabu.	
Concentrated Extract Volume: 1000 (µL)				0128	
Soil Aliquot Volume: (µL)				t: TLS	
Injection Volume: 1 (µL)				and the contract of the contra	
GPC Cleanup: (Y/N) N pH:	Analytical Metho	d: OLMO	4.2	g wagebrook danggerij. Mak gampingsoad to wood ook	
Prep Batch: 309220 Analytical Batch: 310869	Sulfur Cleanup:	(Y/N) N	Instrument I	D: GCS18A	
CONCENTRATION UNITS: ug/L	Lab File ID:	205122	20/SV18A031	anna anti-ministra di Maria da Taranda (Maria da Maria d	******
CAS NO. COMPOUND	RESULT	Q	MDL	RL	
72-54-8 4,4'-DDD	0.100	U	0.000100	0.100	UJ
72-55-9 4,4'-DDE	0.100	Ü	0.000100	0.100	1
50-2:9-3 4,4'-DDT	0.100	U	0.000100	0.100	1
309-00-2 Aldrin	0.050	٦	0.000100	0.050	1
12674-11-2 Aroclor-1016	1.00	U	0.000100	1.00	
11104-28-2 Aroclor-1221	2.00	U	0.000100	2.00	
11141-16-5 Aroclor-1232	1.00	Ų	0.000100	1.00	
53469-21-9 Aroclor-1242	1.00	Ü	0.000100	1.00	
12672-29-6 Aroclor-1248	1.00	U	0.000100	1.00	- 1
11097-69-1 Aroclor-1254	1.00	U	0.000100	1.00	- 1
11096-82-5 Aroclor-1260	1.00	U	0.000100	1.00	- 1
60-57-1 Dieldrin	0.100	U	0.000100	C.100	- 1
959-98-8 Endosulfan I	0.050	Ū	0.000100	0.050	- 1
33213-65-9 Endosulfan II	0.100	U	0.000100	0.100	
1031-07-8 Endosulfan sulfate	0.100	U	0.000100	0.100	- [
72-20-8 Endrin	0.100	U	0.000100	0.100	- 1
7421-93-4 Endrin aldehyde	0.100	U	0.000100	0.100	i
53494-70-5 Endrin ketone	0.100	U	0.000100	0.100	- 1
76-44-8 Heptachlor	0.050	U	0.000100	0 050	- 1
1024-57-3 Heptachlor epoxide	0.050	Ú	0.000100	0 050	1
72-43-5 Methoxychlor	0.500	U	0.000100	0 500	1
8001-35-2 Toxaphene	5.00	U	0.000100	5.00	1
319-84-6 alpha-BHC	0.050	U	0.000100	0.050	
5103-71-9 alpha-Chlordane	0.050	U	0.000100	0.050	
319-85-7 beta-BHC	0.050	U	0.000100	0.050	1
319-36-8 delta-BHC	0.050	U	0.000100	0.050	
58-89-9 gamma-BHC (Lindane)	0.050	U	0.000100	0.350	1
5103-74-2 gamma-Chlordane	0.050	Ú	0.000100	0.350	+

FORM | ORG-1

U.S. EPA - CLP COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name:	GCAL		Contract:
Lab Code:	LA024	Case No.:	SAS No.: SDG No.: 205120839
SCW No	m aghatharana co mhairmacha a the	er i man e touriste e man i man ann i sea	
		EPA Sample No.	Lab Sample ID.
		SK-GW06R-1016	20512083901
		SK-GW63-1016	20512083903
		SK-GW64-1016	20512083904
		SK-GW06R-1016 (DISS)	20512083907
		SK-GW63-1016 (DISS)	20512083908
	4	SK-GW64-1016 (DISS)	20512083909
		The first of the state of the s	20512083910
		SK-GW59-1016	20512083911
		SK-GW62A-1016	And district comments are the comments of the
		SK-GW58-1016	20512083912
		SK-GW58FD-1016	20512083913
		SK-GW63MS-1016	20512083914
		SK-GW63DUP-1016	20512083916
		SK-GWEB-1016	20512083918
		SK-GW59-1016 (DISS)	20512083920
		SK-GW62A-1016 (DISS)	20512083921
		Were ICP interelement corrections app	olied? Yes / No YES
		Were ICP background corrections app	* # ** *
		application of background correction	
Comments	S:		
-			
· - · -			
completer the compl	ness for other t uter readable o	than the conditions detailed above. Rele	nd conditions of the contract, both technically and for ase of this data contained in this hardcopy data package and in authorized by the Laboratory Manager or the Manager's
Signature	Kalin	Wilcom	Name: Kover Michalla
		3	Title: Olivy Londer Midais

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ILMO4.1

U.S. EPA - CLP COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

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Lat Name: GCAL	C	ontract:
Lat Code: LA024	Case No.: S	AS No.: SDG No.: 205120839
SOW No.:	annen an en	
	EPA Sample No.	Lab Sample ID.
	SK-GW58-1016 (DISS)	20512083922
	SK-GW58FD-1016 (DISS)	20512083923
	SK-GW63MS-1016 (DISS)	20512083924
	SK-GW63DUP-1016 (DISS)	20512083925
	SK-GWEB-1016 (DISS)	20512083926
	Were ICP interelement corrections appli	ied ? Yes / No YES
	Were ICP background corrections applie	ed? Yes/No YES
	If yes-were raw data generated be	
	application of background correction	ns? Yes/No NO
Comments:		
		d conditions of the contract, both technically and for se of this data contained in this hardcopy cata package and in
the computer readable of designee, as verified by	fata submitted on the diskette has been a	uthorized by the Laboratory Manager or the Manager's
,	•	1
Signature: \(\int\)	historye	Name: Karen Melinini
Date: 1-16 -66		Title: Colony Cardin Pulcal

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EPA SAMPLE NO.

INORGANIC ANAL'	Y 515	DATA	SHEET
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SK-GW06R-1016	
011 0110011 1010	

				j Sik	-GVVUOR-1U	10
Lab Name: _F	PROJ AAH GCAL	Contra	ct:			
Lab Code: LA	A024 Case No.:	SAS N	o.:	SDG	No.:	
Matrix: (soil / v	water) Water	. Lab Sam	ple ID: 20512	083901		
Level: (low / m	ned)	Date Re	ceived: 12/08/	05		
% Solids:	, pagaga, mandra teru mandr mang-upa maga					
Concentration	Units (ug/L or mg/kg dry we	ight) : ug/L				
CAS No.	Analyte	Concentration	С	Q	M	7
7429-90-5	Aluminum	5730			P	1
7440-36-0	Antimony	2.7	U	N	Р	LIS
7440-38-2	Arsenic	8.7	В	منظر	Р	1
7440-39-3	Barium	250			Р	1
7440-41-7	Beryllium	0.4	В		Р	1
7440-43-9	Cadmium	0.1	U		Р	1
7440-70-2	Calcium	251000		***	Р	
7440-47-3	Chromium	15.9		J.F.	Р	1
7440-48-4	Cobalt	12.3	В		Р	1
7440-50-8	Copper	15.2	В	E	Р]]
7439-89-6	Iron	15800		سيخر	Р	1
7439-92-1	Lead	14.4			Р	1
7439-95-4	Magnesium	61600			Р	1
439-96-5	Manganese	1340			P	1
7439-97-6	Mercury	0.3		N	ĀV]]
440-02-0	Nickel	14.6	В	Ē	Р	1 1
440-09-7	Potassium	4380	В		Р	1
782-49-2	Selenium	3.0	U	N	P	1
440-22-4	Silver	0.6	В		Р	1
440-23-5	Sodium	24900			Р	1
440-28-0	Thallium	5.2	В		P	
440-62-2	Vanadium	1.6	U		Р	i
440-66-6	Zinc	61.0		Ę,Ł	P	15
7-12-5	Cyanide	0.6	υ		AS	1

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Comments:

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57-12-5

Cyanide

EPA SAMPLE NO.

	l;	NORGANIC ANALYSIS	DATA	SHEET	SK-GW	/63-1016	5
Lab Name: P	ROJ AAH GCAL	Contra	act:				
Lab Code: LA	A024 Case No.:	SAS N	No.:		SDG No.	:	
Matrix: (soil / w	vater) Water	Lab San	nple ID:	20512083903			
Level: (low / m	ed)	Date Re	ceived:	12/08/05			
% Solids:		5.5.0					
	Units (ug/L or mg/kg dry weig	ht): ug/L					_
CAS No.	Analyte	Concentration	С		Q	M	ł
7423-90-5	Aluminum	28500				Р	1
7440-36-0	Antimony	2.7	Ú		N	Р	15
7440-38-2	Arsenic	14.9	 		1	Р	1
7440-39-3	Barium	238				Р	1
7440-41-7	Beryllium	1.8	В			Р	1
7440-43-9	Cadmium	0.1	Ü			Р	1
7440 70 0	Calaina	424000					1

7440-70-2 Calcium 431000 7440-47-3 Chromium 46.1 Z 7440-48-4 Cobalt 29.4 P В 7440-50-8 1 51.8 P Copper E 7439-89-6 !ron 63600 1 Ρ 7439-92-1 42.9 P Lead 7439-95-4 Magnesium 102000 P 3820 P 7439-96-5 Manganese J 7439-97-6 1.1 N ΑV Mercury 7440-02-0 Nickel 60.1 E Ъ 7440-09-7 Potassium 13500 P 7782-49-2 P Selenium 3.0 U N 7440-22-4 2.3 Р В Silver 7440-23-5 Sodium 63500 P 7440-28-0 Thallium 5.2 В P 7440-62-2 Vanadium 11.4 В P 188 E,E 7440-56-6 Р Zinc J

0.6

3/2/36

AS

Color Before:	DK.BROWN	Clarity Before:	CLEAR	Texture:	
Color After:	DK.BROWN	Clarity After:	CLEAR	Artifacts:	
Comments:					

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EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHE

CV	-GW	C / 1	016	

Lab Name:	PROJ AAH GCAL	Contr	act:			
Lab Code: L	.A024 Case No.:		No.:	SDG	No.:	
Matrix: (soil /	water) Water	Lab Sar	nple ID: 20512	2083904		
Level: (low / r	med)		eceived: 12/08	 		
% Solids:		Dato N	12700			
Concentration	n Units (ug/L or mg/kg dry weigh	nt) : ug/L				
CAS No.	Analyte	Concentration	С	Q	М	
7429-90-5	Aluminum	31500		k	P	
7440-36-0	Antimony	2.7	U	N	Р	UJ
7440-38-2	Arsenic	9.4	В	JE/	Р	
7440-39-3	Barium	111	В		Р	
7440-41-7	Beryllium	1.9	В		Р	
7440-43-9	Cadmium	0.1	U		P	
7440-70-2	Calcium	333000			P	
7440-47-3	Chromium	53.7		Æ	P	
7440-48-4	Cobalt	30.2	В	<u></u>	P	
7440-50-8	Copper	36.5		E	P	Ī
7439-89-6	Iron	74100		معکن	P	
7439-92-1	Lead	27.1		······································	P	
7439-95-4	Magnesium	79200			P	
7439-96-5	Manganese	2830			P	
7439-97-6	Mercury	0.9		N	AV	7
7440-02-0	Nickel	64.8		E	P	J
7440-09-7	Potassium	16000			P	3
7782-49-2	Selenium	4.1	В	N	P	
7440-22-4	Silver	3,4	В		P	
7440-23-5	Sodium	51800		·	P	
7440-28-0	Thallium	5.2	В		Р	
7440-62-2	Vanadium	11.0	В		P	
7440-66-6	Zinc	166		E,Æ	P	ī
57-12-5	Cyanide	0.6	U		AS	7
						3/2/10h
Color Before: Color After:	DK.BROWN		LEAR LEAR	Textur Artifac		
Comments:						

FORM 1 - IN

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-GW06R-1016 (DISS)	

						SK-GW	06R-1016 (DISS)
Lab Name:	PROJ A	AH GCAL	Cor	ıtract:				
Lab Code:	LA024	Case No.:	SAS	8 No.:		SDG No.:		
Matrix: (soil	/water)	Water	Lab S	ample ID:	20512083907			
Level: (low	/med) _		Date I	Received:	12/08/05			
% Solids: _								
Concentrati	ion Units (ug/L or mg/kg dry weight	i): ug/L					
CAS No).	Analyte	Concentration	С		Q	М	
7420.00.5	Alun	inum	125	1			- 	

CAS No.	Analyte	Concentration	С	Q	М	7
7429-90-5	Aluminum	12.5	U		P	1 .
7440-36-0	Antimony	2.7	Ú	N	Р	1 113
7440-38-2	Arsenic	3.5	Ū	Z	Р	1
7440-39-3	Barium	168	В		Р	1
7440-41-7	Beryllium	0.1	Ù		Р	1
7440-43-9	Cadmium	0.1	Ü		Р	1
7440-70-2	Calcium	194000			Р	
7440-47-3	Chromium	4.6	В	انگر	Р	1
7440-48-4	Cobalt	4.6	В		Р	1
7440-50-8	Copper	0.8	U	E	P	1
7439-89-6	Iron	442		E	P	15
7439-92-1	Lead	1.7	Ú		P	1
7439-95-4	Magnesium	36400			Р	1
7439-96-5	Manganese	662			P	1
7439-97-6	Mercury	0.1	В	N	AV	1 J
7440-02-0	Nickel	2.3	В	معر	P	70
7440-09-7	Potassium	3040	В		Р	1
7782-49-2	Selenium	3.0	U	N	Р	1
7440-22-4	Silver	0.6	Ü		Р	1
7440-23-5	Sodium	23900			P	1
7440-28-0	Thallium	5.7	В		Р	1
7440-62-2	Vanadium	1.6	Ū		Р	1
7440-66-6	Zinc	9.6	В	المجاعل ا	P	1

Color Before:	COLORLESS	Clarity Before:	CLEAR	Texture:	
Color After:	COLORLESS	Clarity After:	CLEAR	Artifacts:	
Comments:					

EPA SAMPLE NO. INORGANIC ANALYSIS DATA SHEET

			CHONING ANALYSIS DATA SHEET	SK-GW63-1016 (DISS)	
Lab Name:	PROJ AA	H GCAL	Contract:		
Lab Code:	LA024	Case No.:	SAS No.:	SDG No.:	
Matrix: (soil	/water)	Water	Lab Sample ID: 20512083908		
Level: (low	/ med)		Date Received: 12/08/05		
% Solids: _	····	_		_	

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	С	Q	M	7
7429-90-5	Aluminum	14.9	В		Р	1
7440-36-0	Antimony	2.7	U	N	Р	Uゴ
7440-38-2	Arsenic	3.5	Ü	ميتا	Р	7
7440-39-3	Barium	71.7	В		Р	1
7440-41-7	Beryllium	0	В		Р	7
7440-43-9	Cadmium	0.1	U		Р	7
7440-70-2	Calcium	291000			Р	1
7440-47-3	Chromium	7.7	В	Z	Р	1
7440-48-4	Cobalt	2.8	В		Р	7
7440-50-8	Copper	0.8	U	E	Р	7
7439-89-6	Iron	583		E	P	75
7439-92-1	Lead	1.7	U		Р	1
7439-95-4	Magnesium	65900			P	1
7439-96-5	Manganese	2290			Р	7
7439-97-6	Mercury	0.1	В	N	AV	15
7440-02-0	Nickel	3.8	В	متجر	Р	1
7440-09-7	Potassium	9120			Р	1
7782-49-2	Selenium	3.0	Ú	N	P	1
7440-22-4	Silver	0.6	U		Р	1
7440-23-5	Sodium	68000			Р	1
7440-28-0	Thallium	7.7	В	******************	Р	1
7440-62-2	Vanadium	1.6	U		Р	1
7440-66-6	Zinc	12.7	В	معبظ	Р	1

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Color Before:	COLORLESS	Clarity Before:	CLEAR	Texture:	
Color After:	COLORLESS	Clarity After:	CLEAR	Artifacts:	
Comments:					

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EPA SAMPLE NO.

	INORGANIC ANALYSIS DATA SHEET			SK-GW	64-1016	(DISS)	
Lao Name:	PROJ AAH GCAL	Cont	ract:	······································			
Lab Code: L	A024 Case No.:	SAS	No.:		SDG No.:		
Matrix: (soil /	water) Water	Lab Sa	mple ID:	20512083909			
Level: (low / n	ned)	Date R	eceived:	12/08/05			
% Solids:					•		
Concentration	n Units (ug/L or mg/kg dry weigh	t): ug/L					
CAS No.	Analyte	Concentration	С		Q	M	7
7429-90-5	Aluminum	20.8	В			Р	1
7440-36-0	Antimony	2.7	Ū		N	Р	45
7440-38-2	Arsenic	3.5	U		加	Р	
7440-39-3	Barium	41.5	В		-	Р	1
7440-41-7	Beryllium	0.1	U			Р	1
7440-43-9	Cadmium	0.1	U			Р	1
7440-70-2	Calcium	173000				Р	1
7440-47-3	Chromium	6.6	В		JE/	Р	1
7440-48-4	Cobalt	1.0	В			Ρ]
7440-50-8	Copper	0.8	U		E	Р]
7439-89-6	Iron	2.9	U		E	Р	
7439-92-1	Lead	1.7	U			Р]
7439-95-4	Magnesium	52800				Р	1
7439-96-5	Manganese	469				P	
7439-97-6	Mercury	0.1	В		N	AV] \(\mathcal{I} \)
7440-02-0	Nickel	4.5	В		,8'	Р	4
7440-09-7	Potassium	10800				Р]
7782-49-2	Selenium	3.0	U		N	Р	1
7440-22-4	Silver	0.6	U			_ <u>P</u>	1
7440-23-5	Sodium	51700				P	1
7440-28-0	Thallium	9.8	В.			Р	ļ
7440-62-2	Vanadium	1.6	U			Р	1
7440-66-6	Zinc	12.2	В	l	E-E-	Р	1

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Color Before:	COLORLESS	Clarity Before:	CLEAR	Texture:	
Color After:	COLORLESS	Clarity After:	CLEAR	Artifacts:	

Comments:

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EPA SAMPLE NO.

INORGANIC AN	ALYSIS	DATA	SHEET
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Lab Name: F	PROJ AAH GCAL	Contr	ract:			
Lab Code: Lab	A024 Case No.:	SAS	No.:	\$DG 1	No.:	
Matrix: (soil / v	water) Water	Lab Sar	mple ID: 2051	2083910		
Level: (low / m	ned)	Date Ro	eceived: 12/10	0/05		
% Solids:						
Concentration	Units (ug/L or mg/kg dry weigł	nt) : ug/L				
CAS No.	Analyte	Concentration	С	Q	М	}
74:29-90-5	Aluminum	3420			Р	
7440-36-0	Antimony	2.7	U	N	P	43
7440-38-2	Arsenic	6.4	8	X	Р	
7440-39-3	Barium	83.2	В		Р	
7440-41-7	Beryllium	0.3	В		Р	
7440-43-9	Cadmium	0.1	U		Р	1
7440-70-2	Calcium	201000			Р	!
7440-47-3	Chromium	14.2		.8	Р	
7440-48-4	Cobalt	4.2	В		Р	_
7440-50-8	Copper	9.3	В	E	Р	J
7439-89-6	Iron	11500		ريع.	Р	
7439-92-1	Lead	9.4			Р	
7439-95-4	Magnesium	36400			Р	
7439-96-5	Manganese	543			Р	
7439-97-6	Mercury	0.2		N	AV	J
7440-02-0	Nickel	12.0	В	E	P	J
7440-09-7	Potassium	18800			Р	
7782-49-2	Selenium	3.0	U	N	Р	
7440-22-4	Silver	0.6	Ų		Р	
7440-23-5	Sodium	75700			Р	
7440-28-0	Thallium	6.3	В		Р	
7440-62-2	Vanadium	1.6	υ		Р	_
7440-66-6	Zinc	50,1		E,E^	Р	J
57-12-5	Cyanide	0.6	U		AS	
					312	Not MSC
Color Before:	LT.YELLOW	Clarity Before: C	LEAR	Textur	e	
Color After:	LT.YELLOW	Clarity After: C	LEAR	Artifac	ts:	
Comments:						

FORM 1 - IN

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INORGANIC ANALYSIS DATA SHEET

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		SK-GW62A-1016
Lab Name: PROJ AAH GCAL	Contract:	
Lab Code: LA024 Case No.:	SAS No.:	SDG No.:
Matrix: (soil / water) Water	Lab Sample ID: 20512083911	
Level: (low / med)	Date Received: 12/10/05	
% Solids:		
Concentration Units (ug/L or mg/kg dry weight)): ug/L	

CAS No.	Analyte	Concentration	С	Q	M	7
7429-90-5	Aluminum	10900			Р	7
7440-36-0	Antimony	2.7	U	N	Р] <i>U</i> .3
7440-38-2	Arsenic	6.9	В	سيخ	Р	1
7440-39-3	Barium	269			Р	7
7440-41-7	Beryllium	0.7	В		Р	7
7440-43-9	Cadmium	0.1	U		Р	7
7440-70-2	Calcium	247000			Р	7
7440-47-3	Chromium	30.8		JĒ/	Р	1
7440-48-4	Cobalt	11.4	В		Р	1
7440-50-8	Copper	22.9	В	E	Р	15
7439-89-6	Iron	26900		نظر	P	1
7439-92-1	Lead	21.1			Р	1
7439-95-4	Magnesium	71000			Р	7
7439-96-5	Manganese	896			P	1
7439-97-6	Mercury	0.3		N	AV	1 5
7440-02-0	Nickel	27.5	В	E	Р	15
7440-09-7	Potassium	11000		*	Р	1
7782-49-2	Selenium	3.0	U	N	Р	1
7440-22-4	Silver	0.6	U		Р	1
7440-23-5	Sodium	116000			P	1
7440-28-0	Thallium	5.8	В		P	1
7440-62-2	Vanadium	1.6	Ü		Р	1
7440-66-6	Zinc	88.9		EÆ"	P	15
57-12-5	Cyanide	0.6	U		AS	1

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Color Before:	LT.YELLOW	Clarity Before:	CLEAR	Texture:	
Color After:	LT.YELLOW	Clarity After:	CLEAR	Artifacts:	
Comments:					

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		INORGANIC ANALYSIS	DATA SHEET		014/50 :-:5	
				SK	-GW58-1016	
Lab Name: _F	PROJ AAH GCAL	Contra	act:	L		
Lab Code: L	A024 Case No.:	SAS N	lo.:	SDG	No.:	
Matrix: (soil / v	water) Water	. Lab Sam	nple ID: 205120	083912		
Level: (low / m	ned)	Date Re	ceived: 12/10/	05		
% Solids:		23.0				
Concentration	Units (ug/L or mg/kg dry we	ight) : ug/L				
CAS No.	Analyte	Concentration	С	Q	М	
7429-90-5	Aluminum	25600		·	P	
7440-36-0	Antimony	2.7	U	N	Pi	کنا
7440-38-2	Arsenic	20.2	<u>-</u>	E	P	_
7440-39-3	Barium	430			Р	
7440-41-7	Beryllium	1.7	В		P	
7440-43-9	Cadmium	0.1	U	·	P	
7440-70-2	Calcium	353000			Р	
7440-47-3	Chromium	62.7		Æ	Р	
7440-48-4	Cobalt	27.1	В		P	
7440-50-8	Copper	60.3		Ē	P	S
7439-89-6	Iron	68200		سطَر	P	
7439-92-1	Lead	41.4		~	Р	
7439-95-4	Magnesium	87600		****	P	
7439-96-5	Manganese	1820			P	
7439-97-6	Mercury	0.7		N	AV	Í
7440-02-0	Nickel	63.2		E	P	
7440-09-7	Potassium	10100			1 p 1	ı
7782-49-2	Selenium	3.0	U	N	P	
7440-22-4	Silver	2.9	В		P	
7440-23-5	Sodium	30100			P	
7440-28-0	Thallium	5.6	В		P	
7440-62-2	Vanadium	11.5	В	·	P	
7440-66-6	Zinc	195		E,E	P	
57-12-5	Cyanide	0.6	U	·····	AS	
					312	ilob
Color Before:	DK.BROWN	·	EAR	Textu		
Color After:	DK.BROWN	Clarity After: CL	.EAR	- Artifac	cts:	
Comments:						

FORM I - IN

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EPA	SAMPI	_E NO

Case No.: SAS No.: Matrix: (soil / water) Water Lab Sample ID: 2051 Level: (low / med) Date Received: 12/10 % Solids: Concentration Units (ug/L or mg/kg dry weight): ug/L CAS No. Analyte Concentration C 7429-90-5 Aluminum 25800 C 7440-36-0 Antimony 2.7 U 7440-38-2 Arsenic 18.7 C 7440-43-9 Barium 452 C 7440-41-7 Beryllium 1.7 B 7440-43-9 Cadmium 0.1 U 7440-47-3 Chromium 63.9 C 7440-48-4 Cobalt 28.1 B 7440-50-8 Copper 62.6 C 7439-89-6 Iron 71300 7439-92-1 Lead 44.3	SK- SDG I 2083913	M P P US P P P P
Lab Code: LA024 Case No.: SAS No.: Matrix: (soil / water) Water Lab Sample ID: 2051 Level: (low / med) Date Received: 12/10 % Solids:	Q N	M P P P
Matrix: (soil / water) Water Lab Sample ID: 2051 Level: (low / med)	Q N	M P P P
Matrix: (soil / water) Water Lab Sample ID: 2051 Level: (low / med)	Q N N	P US
Date Received: 12/10	Q N N	P US
% Solids: Concentration Units (ug/L or mg/kg dry weight): ug/L CAS No. Analyte Concentration C 7429-90-5 Aluminum 25800 7440-36-0 Antimony 2.7 U 7440-38-2 Arsenic 18.7 7440-39-3 Barium 452 7440-41-7 Beryllium 1.7 B 7440-43-9 Cadmium 0.1 U 7440-70-2 Calcium 372000 7440-47-3 Chromium 63.9 7440-48-4 Cobalt 28.1 B 7440-50-8 Copper 62.6 7439-89-6 Iron 71300 7439-92-1 Lead 44.3	Q N Æ	P US
Concentration Units (ug/L or mg/kg dry weight): ug/L CAS No. Analyte Concentration C 7429-90-5 Aluminum 25800 7440-36-0 Antimony 2.7 U 7440-38-2 Arsenic 18.7 7440-39-3 Barium 452 7440-41-7 Beryllium 1.7 B 7440-43-9 Cadmium 0.1 U 7440-70-2 Calcium 372000 7440-47-3 Chromium 63.9 7440-48-4 Cobalt 28.1 B 7440-50-8 Copper 62.6 7439-89-6 Iron 71300 7439-92-1 Lead 44.3	N Æ	P US
CAS No. Analyte Concentration C 7429-90-5 Aluminum 25800 7440-36-0 Antimony 2.7 U 7440-38-2 Arsenic 18.7 7440-39-3 Barium 452 7440-41-7 Beryllium 1.7 B 7440-43-9 Cadmium 0.1 U 7440-70-2 Calcium 372000 7440-47-3 Chromium 63.9 7440-48-4 Cobalt 28.1 B 7440-50-8 Copper 62.6 7439-89-6 Iron 71300 7439-92-1 Lead 44.3	N Æ	P US
7429-90-5 Aluminum 25800 7440-36-0 Antimony 2.7 U 7440-38-2 Arsenic 18.7 7440-39-3 Barium 452 7440-41-7 Beryllium 1.7 B 7440-43-9 Cadmium 0.1 U 7440-70-2 Calcium 372000 7440-47-3 Chromium 63.9 7440-48-4 Cobalt 28.1 B 7440-50-8 Copper 62.6 7439-89-6 Iron 71300 7439-92-1 Lead 44.3	N Æ	P US
7429-90-5 Aluminum 25800 7440-36-0 Antimony 2.7 U 7440-38-2 Arsenic 18.7 7440-39-3 Barium 452 7440-41-7 Beryllium 1.7 B 7440-43-9 Cadmium 0.1 U 7440-70-2 Calcium 372000 7440-47-3 Chromium 63.9 7440-48-4 Cobalt 28.1 B 7440-50-8 Copper 62.6 7439-89-6 Iron 71300 7439-92-1 Lead 44.3	N Æ	P US
7440-36-0 Antimony 2.7 U 7440-38-2 Arsenic 18.7 7440-39-3 Barium 452 7440-41-7 Beryllium 1.7 B 7440-43-9 Cadmium 0.1 U 7440-70-2 Calcium 372000 7440-47-3 Chromium 63.9 7440-48-4 Cobalt 28.1 B 7440-50-8 Copper 62.6 7439-89-6 Iron 71300 7439-92-1 Lead 44.3	Æ	P US
7440-38-2 Arsenic 18.7 7440-39-3 Barium 452 7440-41-7 Beryllium 1.7 B 7440-43-9 Cadmium 0.1 U 7440-70-2 Calcium 372000 7440-47-3 Chromium 63.9 7440-48-4 Cobalt 28.1 B 7440-50-8 Copper 62.6 7439-89-6 Iron 71300 7439-92-1 Lead 44.3	Æ	P P
7440-39-3 Barium 452 7440-41-7 Beryllium 1.7 B 7440-43-9 Cadmium 0.1 U 7440-70-2 Calcium 372000 7440-47-3 Chromium 63.9 7440-48-4 Cobalt 28.1 B 7440-50-8 Copper 62.6 7439-89-6 Iron 71300 7439-92-1 Lead 44.3		P P
7440-41-7 Beryllium 1.7 B 7440-43-9 Cadmium 0.1 U 7440-70-2 Calcium 372000 7440-47-3 Chromium 63.9 7440-48-4 Cobalt 28.1 B 7440-50-8 Copper 62.6 7439-89-6 Iron 71300 7439-92-1 Lead 44.3	,2	Р
7440-43-9 Cadmium 0.1 U 7440-70-2 Calcium 372000 7440-47-3 Chromium 63.9 7440-48-4 Cobalt 28.1 B 7440-50-8 Copper 62.6 7439-89-6 Iron 71300 7439-92-1 Lead 44.3	,£	
7440-70-2 Calcium 372000 7440-47-3 Chromium 63.9 7440-48-4 Cobalt 28.1 B 7440-50-8 Copper 62.6 7439-89-6 Iron 71300 7439-92-1 Lead 44.3	,2	1 ' 1
7440-47-3 Chromium 63.9 7440-48-4 Cobalt 28.1 B 7440-50-8 Copper 62.6 7439-89-6 Iron 71300 7439-92-1 Lead 44.3	7.5	P
7440-48-4 Cobalt 28.1 B 7440-50-8 Copper 62.6 7439-89-6 Iron 71300 7439-92-1 Lead 44.3	, , , , , , , , , , , , , , , , , , , ,	P
7440-50-8 Copper 62.6 7439-89-6 Iron 71300 7439-92-1 Lead 44.3		P
7439-89-6 Iron 71300 7439-92-1 Lead 44.3	E]
7439-92-1 Lead 44.3	<u> </u>	
		P
1		
7439-96-5 Manganese 1890		
7439-97-6 Mercury 0.2	N	AV
7440-02-0 Nickel 63.3	E	PJ
7440-09-7 Potassium 10500		Р
7782-49-2 Selenium 3.0 U	N	P
744-0-22-4 Silver 3.2 B		P
7440-23-5 Sodium 34000		P
7440-28-0 Thallium 7.0 B		P
7440-62-2 Vanadium 11.4 B		P
7440-66-6 Zinc 195	E,E	P 5
57-12-5 Cyanide 0.6 B		AS
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FORM I - IN

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EPA SAMPLE NO.

INORGANIC	ANALYSIS	DATA	SHEET
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SK-GW63DU	D 1016
34-6446300	F-1010

				J SK-	G4403D0F-1010	
Lab Name:	PROJ AAH GCAL	Cor	tract:			
Lab Code: L	A024 Case No.:	SAS	S No.:	SDG	No.:	
Matrix: (soil /	water) Water	Lab S	ample ID: 20512	083916		
Level: (low / n	med)		Received: 12/10/			-
% Solids:		Date	Received: 12/10/	-05		
70 301lds.	 					
Concentration	n Units (ug/L or mg/kg dry weigh	nt): ug/L				
CAS No.	Analyte	Concentration	С	Q	М	
7429-90-5	Aluminum	28300			Р	
7440-36-0	Antimony	2.7	U	N	PUS	
7440-38-2	Arsenic	13.9		,2	Р	
7440-39-3	Barium	248			Р	
7440-41-7	Beryllium	1.7	В		Р	
7440-43-9	Cadmium	0.1	U		Р	
7440-70-2	Calcium	460000			Р	
7440-47-3	Chromium	47.2		£	Р	
7440-48-4	Cobalt	30.2	В		P	
7440-50-8	Copper	53.9		E	PI	
7439-89-6	Iron	65900		, E /	Р	
7439-92-1	Lead	45.8			Р	
7439-95-4	Magnesium	110000			Р	
7439-96-5	Manganese	4020			P	
7439-97-6	Mercury	1.0		N	AV 3	
7440-02-0	Nickel	62.3		E	P	
7440-09-7	Potassium	13400			Р	
7782-49-2	Selenium	3.0	Ü	N	Р	
7440-22-4	Silver	2.7	В		Р	
7440-23-5	Sodium	67200			Р	
7440-28-0	Thallium	5.1	8		P	
7440-62-2	Vanadium	11.0	В		Р	
7440-66-6	Zinc	193		E,E	PJ	
57-12-5	Cyanide	0.6	U		AS	
					3/4/05	
Color Before:	DK.BROWN	-	CLEAR	Textu	· · · · · · · · · · · · · · · · · · ·	
Color After:	DK.BROWN	Clarity After:	CLEAR	Artifac	ets:	·
Comments:						

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EPA SAMPLE NO.

Lab Name: PROJ AAH GO Lab Code: LA024 Matrix: (soil / water) Water Level: (low / med) % Solids: Concentration Units (ug/L or CAS No. 7429-90-5 Aluminum 7440-36-0 Antimony	Case No.:	Contract: SAS No.: Lab Sample ID: 2 Date Received: 1	SI 20512083918	DG No.:	
Lab Code: LA024 Matrix: (soil / water) Water Level: (low / med) % Solids: Concentration Units (ug/L or CAS No. / 7429-90-5 Aluminum	Case No.:	SAS No.: Lab Sample ID: 2	20512083918	DG No.:	
Matrix: (soil / water) Water Level: (low / med) % Solids: Concentration Units (ug/L or CAS No. / 7429-90-5 Aluminum	mg/kg dry weight) : ug/L	Lab Sample ID: 2	20512083918	DG No.:	
Level: (low / med) % Solids: Concentration Units (ug/L or CAS No. 7429-90-5 Aluminum	mg/kg dry weight) : ug/L				
% Solids: Concentration Units (ug/L or CAS No. 7429-90-5 Aluminum	mg/kg dry weight) : ug/L	Date Received: 1	12/10/05		
% Solids: Concentration Units (ug/L or CAS No. 7429-90-5 Aluminum	mg/kg dry weight) : ug/L	Suit Reserveu.	12.110.00		
Concentration Units (ug/L or CAS No. A					
7429-90-5 Aluminum	Analyte Concent				
	,	ration C	Q	М	
7440 36 0 Antimony	12.5	5 U		Р	
7440-30-0 PARISHOTY	2.7	U		Р	UJ
7440-38-2 Arsenic	3.5	U		Р	
7440-39-3 Barium	0.2	U		Р	
7440-41-7 Beryllium	0.1	U		Р	
7440-43-9 Cadmium	0.1	U		Р	
7440-70-2 Calcium	45.0) В		Р	
7440-47-3 Chromium	0.7	U		P	
7440-48-4 Cobalt	0.4	U		Р	
7440-50-8 Copper	0.8	U		Р	
7439-89-6 Iron	2.9			Р	
7439-92-1 Lead	1.7			Р	ı
7439-95-4 Magnesium		 		Р	
7439-96-5 Manganese				Р	
7439-97-6 Mercury	0.1		N	AV	J
7440-02-0 Nickel	0.4			Р	
7440-09-7 Potassium	51.5			Р	
7782-49-2 Selenium	3.0			Р	
7440-22-4 Silver	0.6	<u>U</u>		Р	
7440-23-5 Sodium	46.7			Р	
7440-28-0 Thallium	2.8	В		Р	
7440-62-2 Vanadium	1.6	U		Р	
7440-66-6 Zinc	0.7	Ü		P	
57-12-5 Cyanide	0.6	U		AS	

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Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-GW59-1016 (DISS)	

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Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	С	Q	M	1
7429-90-5	Aluminum	12.5	Ü	, , =	P	1
7440-36-0	Antimony	2.7	U	N	Р	u
7440-38-2	Arsenic	3.5	U	,E	P	┪¨
7440-39-3	Barium	51.6	В		Р	7
7440-41-7	Beryllium	0.1	υ		P	7
7440-43-9	Cadmium	0.1	U		Р	1
7440-70-2	Calcium	179000			Р	1
7440-47-3	Chromium	4.0	В	تع الع	P	1
7440-48-4	Cobalt	0.6	В		P	1
7440-50-8	Copper	0.8	U	757	Р	1
7439-89-6	Iron	2.9	U	Е	Р	7
7439-92-1	Lead	1.7	U		Р	٦
7439-95-4	Magnesium	32400			P	7
7439-96-5	Manganese	24.9			Р	7
7439-97-6	Mercury	0.1	В	N	AV	ĪĨ
7440-02-0	Nickel	0.4	U	سيّل.	P	7~
7440-09-7	Potassium	18700			P	7
7782-49-2	Selenium	3.0	U	N	Р	1
7440-22-4	Silver	0.6	Ų		Р	1
7440-23-5	Sodium	74900			Р	1
7440-28-0	Thallium	8.4	В		Р	1
7440-62-2	Vanadium	1.6	U		P	7
7440-66-6	Zinc	13.4	В	E	P	18

Color Before:	COLORLESS	Clarity Before:		Texture:	
Color After:	COLORLESS	Clarity After:	CLEAR	Artifacts:	
Comments:					

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Color Before: COLORLESS Clarity Before: CLEAR Texture:	Lab Name: P	ROJ AAH GCAL	Contra	ict:			
Date Received: 12/10/05	Lab Code: LA	024 Case No.:	SAS N	lo.:	SDG	No.:	
% Solids:	Matrix: (scil / w	vater) Water	. Lab Sam	ple ID: 20512	083921		
% Solids:	Level: (low / m	ed)	Data Ba	opiyad: 12/10	(05		
Concentration Units (ug/L or mg/kg dry weight): ug/L CAS No. Analyte Concentration C Q M 7429-90-5 Aluminum 22.3 B P 7440-38-0 Antimony 2.7 U N P 7440-38-2 Arsenic 3.5 U P 7440-38-2 Arsenic 3.5 U P 7440-41-7 Beryllium 0.1 U P 7440-41-7 Beryllium 0.1 U P 7440-41-7 C Calcium 133000 P 7440-43-3 Chromium 6.0 B P P 7440-47-3 Chromium 6.0 B P P 7440-50-8 Copper 0.8 U P P 7439-89-6 Iron 7.3 B E P P 7439-95-1 Lead 1.7 U P P 7439-95-1 Magnesium 48300 P P 7439-97-6 Mercury 0.1 U N AV 7439-97-6 Mercury 0.1 U N AV 7440-02-0 Nickel 1.1 B P P 7440-02-0 Nickel 1.1 B P P 7440-02-0 Nickel 1.1 B P P 7440-03-5 Sodium 110000 P P 7440-23-5 Sodium 110000 P P 7440-23-5 Sodium 110000 P P 7440-66-6 Zinc Texture:			Date Net	Celved. 12/10/			
CAS No.	70 001103.						
T429-90-5	Concentration	Units (ug/L or mg/kg dry wei	ight): ug/L				
7440-36-0 Antimony 2.7 U N P 7440-38-2 Arsenic 3.5 U P P 7440-39-3 Barium 104 B P P 7440-47-7 Beryllium 0.1 U P P 7440-43-9 Cadmium 0.1 U P P 7440-43-9 Cadmium 0.1 U P P 7440-43-9 Cadmium 6.0 B E P P 7440-47-3 Chromium 6.0 B E P P 7440-40-48-4 Cobalt 0.4 U P P P 7440-50-8 Copper 0.8 U E P P 7449-50-8 Iron 7.3 B E P F 7439-95-1 Icad 1.7 U P P P P P P P P P P P	CAS No.	Analyte	Concentration	С	Q	М	1
7440-38-2 Arsenic 3.5 U P 7440-39-3 Barium 104 B P 7440-41-7 Beryllium 0.1 U P 7440-43-9 Cadmium 0.1 U P 7440-70-2 Calcium 133000 P P 7440-48-4 Cobalt 0.4 U P 7440-48-4 Cobalt 0.4 U P 7440-48-4 Cobalt 0.4 U P 7440-50-8 Copper 0.8 U P 7439-89-6 Iron 7.3 B E P 7439-95-1 Magnesium 48300 P P 7439-96-5 Manganese 32.3 P P 7440-09-7 Potassium 8300 P P 7440-02-0 Nickel 1.1 B P P 7440-22-4 Silver 0.6 U P P 7440-23-5 </td <td>7429-90-5</td> <td>Aluminum</td> <td>22.3</td> <td>В</td> <td>· · · · · · · · · · · · · · · · · · ·</td> <td>P</td> <td>7</td>	7429-90-5	Aluminum	22.3	В	· · · · · · · · · · · · · · · · · · ·	P	7
T440-39-3	7440-36-0	Antimony	2.7	U	N	Р	7 us
T440-41-7 Beryllium	7440-38-2	Arsenic	3.5	U	کز.	Р	7
7440-43-9 Cadmium 0.1 U P 7440-70-2 Calcium 133000 P 7440-48-4 Chomium 6.0 B P 7440-48-4 Cobalt 0.4 U P 7440-48-4 Copper 0.8 U F P 7440-50-8 Copper 0.8 U F P 7439-80-6 Iron 7.3 B E P J 7439-95-4 Magnesium 48300 P P P P 7439-95-5 Manganesium 48300 P	7440-39-3	Barium	104	В		Р	7
T440-70-2	7440-41-7	Beryllium	0.1	U		Р	
T440-47-3		Cadmium	0.1	U			
7440-48-4 Cobalt 0.4 U P 7440-50-8 Copper 0.8 U F P 7439-89-6 Iron 7.3 B E P 7439-99-1 Lead 1.7 U P 7439-95-4 Magnesium 48300 P 7439-96-5 Manganese 32.3 P 7439-97-6 Mercury 0.1 U N AV 7440-02-0 Nickel 1.1 B E P 7440-02-0 Nickel 1.1 B E P 7440-09-7 Potassium 3.0 U N P 7440-22-4 Silver 0.6 U P 7440-23-5 Sodium 110000 P P 7440-82-0 Thallium 5.4 B P 7440-62-2 Vanadium 1.6 U P 7440-66-6 Zinc 11.1 B F Color B		Calcium	133000			Р	
7440-50-8 Copper 0.8 U F P 7439-89-6 Iron 7.3 B E P 7439-92-1 Lead 1.7 U P 7439-95-4 Magnesium 48300 P 7439-96-5 Manganese 32.3 P 7439-97-6 Mercury 0.1 U N AV 7440-02-0 Nickel 1.1 B P P 7440-02-0 Nickel 1.1 B P P 7440-09-7 Potassium 3.0 U N P 7440-22-4 Silver 0.6 U P 7440-23-5 Sodium 110000 P 7440-28-0 Thallium 5.4 B P 7440-28-0 Thallium 5.4 B P 7440-66-6 Zinc 11.1 B P		Chromium	6.0	В	معَد المعتبد	Р	
7439-89-6 Iron 7.3 B E P J 7439-92-1 Lead 1.7 U P 7439-95-4 Magnesium 48300 P 7439-96-5 Manganese 32.3 P 7439-97-6 Mercury 0.1 U N AV 7440-02-0 Nickel 1.1 B P P 7440-09-7 Potassium 8300 P P 7782-49-2 Selenium 3.0 U N P 7440-22-4 Silver 0.6 U P 7440-23-5 Sodium 110000 P 7440-28-0 Thallium 5.4 B P 7440-66-2 Vanadium 1.6 U P 7440-66-6 Zinc 11.1 B P	7440-48-4	Cobalt	0.4	U		Р]
Table Tabl	7440-50-8	Copper	0.8	Ü	.5~	Р]
7439-95-4 Magnesium 48300 P 7439-96-5 Manganese 32.3 P 7439-97-6 Mercury 0.1 U N AV 7449-02-0 Nickel 1.1 B P P 7440-09-7 Potassium 8300 P P 7440-09-7 Potassium 3.0 U N P 7440-22-4 Silver 0.6 U P 7440-23-5 Sodium 110000 P 7440-28-0 Thallium 5.4 B P 7440-62-2 Vanadium 1.6 U P 7440-66-6 Zinc 11.1 B P 30-10 P P P 7440-66-6 Zinc 11.1 B P 7440-66-6 Zinc 11.1 B P		Iron	7.3	В	E	Р]]
7439-96-5 Manganese 32.3 P 7439-97-6 Mercury 0.1 U N AV 7440-02-0 Nickel 1.1 B P P 7440-02-0 Nickel 1.1 B P P 7440-02-7 Potassium 8300 P P 7482-49-2 Selenium 3.0 U N P 7440-22-4 Silver 0.6 U P 7440-23-5 Sodium 110000 P 7440-28-0 Thallium 5.4 B P 7440-62-2 Vanadium 1.6 U P 7440-66-6 Zinc 11.1 B P 7440-66-6 Zinc 11.1 B P	7439-92-1	Lead	1.7	υ			
7439-97-6 Mercury 0.1 U N AV 1740-02-0 Nickel 1.1 B P P P P P P P P P P P P P P P P P P	7439-95-4	Magnesium	48300			Р	7
7440-02-0 Nickel 1.1 B P P 7440-09-7 Potassium 8300 P P 7782-49-2 Selenium 3.0 U N P 7440-22-4 Silver 0.6 U P 7440-23-5 Sodium 110000 P 7440-28-0 Thallium 5.4 B P 740-62-2 Vanadium 1.6 U P 7440-66-6 Zinc 11.1 B P 7440-66-6 Zinc 11.1 B P	7439-96-5	Manganese	32.3			Р	1
Page	7439-97-6	Mercury	0.1	Ü	_	AV	Jui
TR82-49-2 Selenium 3.0	7440-02-0	Nickel	1.1	В	E	Р]
Color Before: COLORLESS Clarity Before: CLEAR Texture: Color Before: COLORLESS Clarity Before: CLEAR Texture: Color Before: COLORLESS Clarity Before: CLEAR CLEAR Texture: Color Before: CLEAR CLE	7440-09-7	Potassium	8300			Р]
7440-23-5 Sodium 110000 P 7440-28-0 Thallium 5.4 B P 7440-62-2 Vanadium 1.6 U P 7440-66-6 Zinc 11.1 B EFF P Similar	7782-49-2	Selenium	3.0	Ü	N	Р	
7440-28-0 Thallium 5.4 B P 7440-62-2 Vanadium 1.6 U P 7440-66-6 Zinc 11.1 B EE P 3/1.1 F F Color Before: COLORLESS Clarity Before: CLEAR Texture:		Silver	0.6	U		Р]
1.6	440-23-5	Sodium	110000			Р	
2440-66-6 Zinc 11.1 B SEE P 3/11/1 Color Before: COLORLESS Clarity Before: CLEAR Texture:	440-28-0	Thallium	5.4	В		Р	
Situal Signal Situal Signal Situal Si		Vanadium] ,
Color Before: COLORLESS Clarity Before: CLEAR Texture:	440-66-6	Zinc	11,1	В	المحريح ريا	Р	18
							Blailob
0.00	Color Before:	COLORLESS	Clarity Before: CL	EAR	Textu	re:	
Color After: COLORLESS Clarity After: CLEAR Artifacts:	Color After:	COLORLESS	Clarity After: CL	EAR	Artifac	cts:	

Comments:

EPA SAMPLE NO. INORGANIC ANALYSIS DATA SHEET

		SK-GW58-1016 (DISS)
Lab Name: PROJ AAH GCAL	Contract:	
Lab Code: LA024 Case No.:	SAS No.:	SDG No.:
Matrix: (soil / water) Water	Lab Sample ID: 20512083922	
Level: (low / med)	Date Received: 12/10/05	
% Solids:		

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	С	Q	М	7
7429-90-5	Aluminum	12.5	U		Р	1
7440-36-0	Antimony	2.7	U	N	Р	1
7440-38-2	Arsenic	3.5	U	,5	P	1
7440-39-3	Barium	175	В	······································	Р	1
7440-41-7	Beryllium	0.1	U		Р	1
7440-43-9	Cadmium	0.1	U		P	1
7440-70-2	Calcium	124000			Р	1
7440-47-3	Chromium	4.1	В	,5	Р	1
7440-48-4	Cobalt	0.8	В		Р	1
7440-50-8	Copper	0.8	U	Ę	Р	1
7439-89-6	Iron	2.9	U	E	Р] [
7439-92-1	Lead	1.7	U		Р	1
7439-95-4	Magnesium	35400			Р	1
7439-96-5	Manganese	13.3	В		Р	1
7439-97-6	Mercury	0.1	U	N	AV	ļί
7440-02-0	Nickel	0.6	В	E	Р	1
7440-09-7	Potassium	4620	В		P	1
7782-49-2	Selenium	3.0	U	N	Р	1
7440-22-4	Silver	0.6	U		P	1
7440-23-5	Sodium	29800			Р	1
440-28-0	Thallium	8.2	В		Р	1
440-62-2	Vanadium	1.6	U		Р	
440-66-6	Zinc	10.4	В	كالمتخر	Р	1:

3/21/06

Color Before:	COLORLESS	Clarity Before:	CLEAR	Texture:	
Color After:	COLORLESS	Clarity After:	CLEAR	Artifacts:	
Comments:					

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EPA SAMPLE NO.

INORGANIC	ANALYSIS	DATA	SHEET
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SK-GV	IEOED .	1016	/DIGGN

Lab Name: PROJ AAH GCAL	Contract:	
Lab Code: LA024 Case No.:	SAS No.:	SDG No.:
Matrix: (soil / water) Water	Lab Sample ID: 20512083923	
Level: (low / med)	Date Received: 12/10/05	
% Solids:		
Concentration Units (ug/L or mg/kg dry weight): ug/L		

CAS No. С Q М Analyte Concentration 7429-90-5 Aluminum 13.4 В Р Р ИŚ 7440-36-0 2.7 Antimony Ū N 7440-38-2 Arsenic 3.5 U E 7440-39-3 Barium 193 В Р 7440-41-7 Ü Р Beryllium 0.1 7440-43-9 0.1 Cadmium U Ρ Calcium P 7440-70-2 134000 P 7440-47-3 Chromium 4.4 В Z Р 7440-48-4 Cobalt 0.4 Ų 74:40-50-8 Copper 0.8 υ Z P 2.9 7439-89-6 Ū Ъ Iron Ē 74:39-92-1 U Р Lead 1.7 7439-95-4 40400 Р Magnesium 7439-96-5 P 29.6 Manganese Ţ 74:39-97-6 Mercury 0.1 В N AV 7440-02-0 P 0.9 E Nickel В 7440-09-7 Potassium 5530 Р 7782-49-2 Selenium 3.0 Ū N P 7440-22-4 0.6 U P Silver 7440-23-5 34800 P Sodium P 7440-28-0 6.0 Thallium B 7440-62-2 P Vanadium 1.6 U

12.1

В

			312110k
Clarity Before:	CLEAR	Texture:	
Clarity After:	CLEAR	Artifacts:	

22

Color After:
Comments:

Color Before:

7440-66-6

Zinc

COLORLESS

COLORLESS

1

EPA SAMPLE NO.

INORGANIC	ANALYSIS	DATA	SHEET
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SK-GW63DUP-1016 (DISS)

ab Code: LA024 Case No.: SAS No.:			SDG	SDG No.:		
Matrix: (soil / w	vater) Water	Lab San	ple ID: 20512	2083925		
_evel: (low / m	ed)	Date Re	ceived: 12/10	1/05		
% Solids:		2 3.0				
Concentration	Units (ug/L or mg/kg dry weigh	ht): ug/L				
CAS No.	Analyte	Concentration	С	Q	M	
429-90-5	Aluminum	24.4	В		P	
4-10-36-0	Antimony	2.7	U	7	Pi	13
440-38-2	Arsenic	3.5	U	محجر .	Р	
440-39-3	Barium	69.3	В		Р	
440-41-7	Beryllium	0.1	U		Р	
440-43-9	Cadmium	0.1	υ		Р	
440-70-2	Calcium	284000			Р	
440-47-3	Chromium	7.0	В	Z	Р	
440-48-4	Cobalt	3.1	В		P	
440-50-8	Copper	0.8	Ŭ	.₹	Р	
439-89-6	Iron	561		E	P	Ĩ
439-92-1	Lead	1.7	U		Р	
439-95-4	Magnesium	63100		_	Р	
439-96-5	Manganese	2220			Р	_
439-97-6	Mercury	0.1	U	Ñ	AV U	(3
440-02-0	Nickel	3.8	В	.₹	P	
440-09-7	Potassium	8720			Р	
782-49-2	Selenium	3.0	U	Ν .	P	
440-22-4	Silver	0.6	U		Р	
440-23-5	Sodium	65800			Р	
140-28-0	Thallium	7.1	В		Р	
440-62-2	Vanadium	1.6	U		Р	م بد
440-66-6	Zinc	12.4	В	ZZ	Р	8

FORM I - IN

CLEAR

Clarity Before: CLEAR

Clarity After:

COLORLESS

COLORLESS

Color Before:

Color After:

Comments:

Texture:

Artifacts:

1

EPA SAMPLE NO.

INORGANIC	ANALYSIS	DATA	SHEET
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SK-GWEB-1016 (DISS)

				SK-GWEB-1016 (DISS)			
Lab Name: P	PROJ AAH GCAL	Con	tract:		_L	-,	
Lab Code: LA024 Case No.:		SAS No.:		SDG No.:			
Matrix: (soil / w	vater) Water	Lab Sa	ample ID:	20512083926			
Level: (low / m	ed)	Date F	Received:	12/10/05			
% Solids:				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	•		
Concentration	Units (ug/L or mg/kg dry weig	ht): ug/L					
CAS No.	Analyte	Concentration	С		Q	М	1
7429-90-5	Aluminum	12.5	U			Р	1
7440-36-0	Antimony	2.7	U		N	Р	143
7440-38-2	Arsenic	3.5	U		ستل	P]
7440-39-3	Barium	0.2	U			Р	
7440-41-7	Beryllium	0.1	U			Ρ]
7440-43-9	Cadmium	0.1	U			Р	
7440-70-2	Calcium	23.7	Ű			Р]
7440-47-3	Chromium	0.7	Ü		£	Р]
7440-48-4	Cobalt	0.8	В			Р]
7440-50-8	Copper	0.8	U		<u>F</u>	_ P	
7439-89-6	Iron	2.9	U		E	Р	
7439-92-1	Lead	2.8	В			Р	
7439-95-4	Magnesium	13.4	В			Р	_
7439-96-5	Manganese	0.1	U			Ρ	
7439-97-6	Mercury	0.2			N	AV	1
7440-02-0	Nickel	0.4	U		,E'	Р	
7440-09-7	Potassium	51.5	U			Р	ĺ
7782-49-2	Selenium	4.8	В		N	P	1
7440-22-4	Silver	0.6	U			Р	
7440-23-5	Sodium	46.7	U			Р	
7440-28-0 7440-62-2	Thallium	4.3	B			Р	
7440-66-6	Vanadium Zinc	1.6	В			- <u>P</u>	-1/
	Zilic	1 4.5	B		<u>حرا ـ</u>],&)
						3/2	ller Insu
Color Before:	COLORLESS		CLEAR		Texture:	,	
Color After:	COLORLESS	Clarity After:	CLEAR		Artifacts:		
Comments:							

FORM I - IN

ILM04.1

DATA VALIDATION REPORT

FOR

SKINNER LANDFILL SITE

EARTH TECH: PROJECT NUMBER 54280

LABORATORY REPORT NUMBER 205121431

PROJECT MANAGER: Ron Rolker

Date: March 6, 2006

Data Validator: Mark Kromis

4 18 60

LIST OF ACRONYMS

BFB Bromofluorobenzene CC Continuing Calibration

4 mm

CCV Continuing Calibration Verification
CCB Continuing Calibration Blanks
CLP Contract Laboratory Program
CRDL Contract Required Detection Limit
DFTPP Decafluorotriphenylphosphine

GC/MS Gas Chromatograph/Mass Spectrometer

IC Initial Calibration

ICBInitial Calibration BlankIDLInstrument Detection LimitICPInductively Coupled PlasmaICSInterference Check SampleICVInitial Calibration Verification

ILM Inorganic Analysis Multi-Media Multi-Concentration

INDAM Individual A Mixture INDBM Individual B Mixture mg/L milligrams per liter

MS/MSD Matrix Spike/Matrix Spike Duplicate
OLC Organic Analysis Low Concentration

OLM Organic Analysis Multi-Media Multi-Concentration

%D Percent Difference

% RSD Percent Relative Standard Deviation

PB Preparation Blanks
QC Quality Control
RF Response Factor

RPD Relative Percent Difference
RRF Relative Response Factor
SDG Sample Delivery Group
SOW Statement of Work

µg/L micrograms per liter

US EPA United States Environmental Protection Agency

VOC Volatile Organic Compounds VTSR Validated Time of Sample Receipt

DATA VALIDATION SUMMARY – SAMPLE DELIVERY GROUP 205121431 INORGANICS

Validation of the inorganics data, as prepared by Gulf Coast Analytical Laboratories (GCAL) for the samples collected from the Skinner Landfill site in December 2005, was conducted by Earth Tech using the National Functional Guidelines for Inorganic Data Review, (US EPA, February, 1994), as appropriate. The results were reported by GCAL under Sample Delivery Group (SDG) 205121431.

GCAL#	Sample Description
20512143101	SK-SW50-1016
20512143102	SK-SW50 MS-1016
20512143104	SK-SW50 DUP-1016
20512143105	SK-SWEB-1016
20512143106	SK-SW51-1016
20512143107	SK-SW51FD-1016
20512143108	SK-SW52-1016
20512143109	SK-SW50-1016 (DISS)
20512143110	SK-SW50 MS-1016 (DISS)
20512143111	SK-SW50 DUP-1016 (DISS)
20512143112	SK-SWEB-1016 (DISS)
20512143113	SK-SW51-1016 (DISS)
20512143114	SK-SW51FD-1016 (DISS)
20512143115	SK-SW52-1016 (DISS)

INTRODUCTION

Analysis Multi-media Multi-concentration ILM04.1 Statement of Work (SOW). Results of the sample analyses are reported by the laboratory as either qualified or unqualified. Unqualified results mean that the reported values maybe used without reservation. The laboratory to denote specific information regarding the analytical results uses various qualifier codes. The data validation process is intended to evaluate the data on a technical basis. The data package also was subjected to an internal laboratory quality review prior to submission to Earth Tech for data validation.

During the validation process, laboratory-qualified and unqualified data are verified against all available supporting documentation. Based on this evaluation, qualifier codes may be added, deleted or modified by the data user. Final results are therefore, either qualified or unqualified. Validator-qualified results are annotated with the following codes in accordance with the Functional Guidelines:

U The constituent was analyzed for, but was not detected above the level of the associated analytical reporting limit. The associated value is either the sample quantitation limit or the sample detection limit.

- J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
- R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

Details of the inorganics data validation findings and conclusions are provided in the following sections of this report:

- 1. Holding Times
- 2. Calibration
 - A. Initial Calibration (IC)
 - B. Continuing Calibration (CC)
- 3. Blanks
- 4. Inductively Coupled Plasma (ICP) Interference Check Sample
- 5. Laboratory Control Sample (LCS)
- 6. Duplicate Analysis
- 7. Spike Sample Analysis
- 8. ICP Serial Dilution
- 9. System Performance
- 10. Documentation
- 11. Overall Assessment

1. HOLDING TIMES

All samples for inorganics analyses were analyzed within the 180-day holding time for preserved aqueous samples. Mercury analyses were conducted within the 28-day holding time for aqueous samples undergoing CLP protocol.

Cyanide analyses were conducted within the 14-day holding time. The cooler temperature upon receipt at the laboratory was within the recommended temperature of 4°C +/- 2°C.

2. CALIBRATION

A. Initial Calibration

The percent recoveries for the Initial Calibration Verification (ICV) standard were within Quality Control (QC) limits for all constituents.

B. Continuing Calibration

The percent recoveries for the Continuing Calibration Verification (CCV) standard were within QC limits for all constituents.

3. BLANKS

The Initial Calibration Blank (ICB), Continuing Calibration Blanks (CCB) and Preparation Blanks (PB) were analyzed at the appropriate frequencies. No constituents were detected in the ICB, CCB, and PB blanks above the corresponding Contract Required Detection Limit (CRDL) with the exception of Selenium in the CCB 6 and Nickel in the CCB's 5, 6, and 7 analyzed on 12/28/05. As per the National Functional Guidelines; sample results greater than the IDL but less than 5 times the amount found in any blank should be qualified as (U). Technically the samples should have been re-digested and re-analyzed for Selenium and Nickel. The sample concentration is not to be corrected for the blank value.

No constituents were detected in the ICB, CCB, and PB blanks above the corresponding Contract Required Detection Limit (CRDL) with the exception of Selenium in the ICB analyzed on 1/3/06. As per the National Functional Guidelines; sample results greater than the IDL but less than 5 times the amount found in any blank should be qualified as (U). Technically the samples should have been re-digested and re-analyzed for Selenium. The sample concentration is not to be corrected for the blank value

4. ICP INTERFERENCE CHECK SAMPLE

Results for the ICP analysis of the Interference Check Sample (ICS) solution AB were within 20% of the true value.

5. LABORATORY CONTROL SAMPLES

Recoveries were within the control limit (80-120%) for all constituents.

6. DUPLICATE ANALYSIS

The laboratory used sample SK-SW50-1016 (total and dissolved fractions) for the duplicate sample. The Relative Percent Difference (RPD) between the sample and duplicate results for the total and dissolved fractions were within the acceptance criteria (<20%) for all target analytes.

7. SPIKE SAMPLE ANALYSIS

The laboratory used sample SK-SW50-1016 (total and dissolved) for the matrix spike sample. The MS percent recoveries were within the acceptance criteria (75%-125%) with the exception of Selenium (49%) in the dissolved fraction. As per the National Functional Guidelines: If the recovery falls between 30% and 74% the sample results greater than the IDL are qualified with "J" while the results less than the IDL are qualified with "UJ".

8. ICP SERIAL DILUTION

As noted in the National Functional Guidelines: If the analyte concentration is at least 50 times above the IDL, its serial dilution analysis must then agree within 10% of the original determination after corrected for dilution. The serial dilution is performed to determine whether any significant chemical or physical interference's exist due to matrix effects. The serial dilution percent differences were within the acceptance criteria for all target analytes with the exception of Potassium associated with the dissolved fraction. As per the National Functional Guidelines, if the serial dilution criterion is not met then qualify the results for that analyte in all associated samples of the same matrix and concentration as estimated "J".

9. SYSTEM PERFORMANCE

The analytical system appears to have been working well at the time of these analyses, based on the evaluation of the raw data.

10. DOCUMENTATION

GCAL qualified the total results for Iron and Zinc with and "E". The original concentration for Iron and Zinc did not meet the criteria of greater than fifty times the IDL and therefore the results should not have been qualified with an "E" qualifier. The data validator made the correction manually.

11. OVERALL ASSESSMENT

The percent recoveries for Selenium in the Contract Required Detection Limit (CRDL) standards analyzed on 12/22/05 were 90%, 92%, 122%, and 143%. Selenium was previously qualified under Section 7 titled "Spike Sample Analysis".

The percent recoveries for Lead in the Contract Required Detection Limit (CRDL) standards analyzed on 12/22/05 were 123%, 112%, 120%, and 112%. As per the National Functional Guidelines, if the CRDL is below 120% then detected results are qualified as estimated with "J".

The results are acceptable with the validator-added qualifiers.

DATA VALIDATION SUMMARY – SAMPLE DELIVERY GROUP 205121431 SEMIVOLATILE ORGANICS

Validation of the Gas Chromatograph/Mass Spectrometer (GC/MS) semi-volatile organics data, as prepared by Gulf Coast Analytical Laboratories (GCAL) for the samples collected from the Skinner Landfill site in December 2005, was conducted by Earth Tech using the National Functional Guidelines for Organic Data Review, (US EPA, October, 1999) as appropriate. The results were reported by GCAL under SDG 205121431.

GCAL#	Sample Description	
20512143101	SK-SW50-1016	
20512143102	SK-SW50 MS-1016	
20512143103	SK-SW50 MSD-1016	
20512143105	SK-SWEB-1016	
20512143106	SK-SW51-1016	
20512143107	SK-SW51FD-1016	
20512143108	SK-SW52-1016	
20512143124	SK-SW50-1016 (RE)	

INTRODUCTION

Analyses were performed according to CLP-Organic Analysis Multi-Media, Multi-Concentration OLM04.2 SOW. Results of the sample analyses are reported by the laboratory as either qualified or unqualified. Unqualified results mean that the reported values may be used without reservation. The laboratory to denote specific information regarding the analytical results uses various data qualifier codes. The data validation process is intended to evaluate the data on a technical basis. The data package also was subjected to an internal laboratory quality review prior to submission to Earth Tech for data validation.

During the validation process, laboratory-qualified and unqualified data are verified against all available supporting documentation. Based on this evaluation, qualifier codes may be added, deleted or modified by the data user. Final results are therefore, either qualified or unqualified. Validator-qualified results are annotated with the following codes in accordance with the Functional Guidelines:

- U The constituent was analyzed for, but was not detected above the level of the associated analytical reporting limit. The associated value is either the sample quantitation limit or the sample detection limit.
- The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

Details of the semivolatile data validation findings and conclusions are provided in the following sections of this report:

- 1. Holding Times
- 2. GC/MS Tuning
- 3. Calibration
 - A. IC
 - B. CC
- 4. Blanks
- 5. System Monitoring Compound Recovery
- 6. MS/MSD
- 7. Internal Standards Performance
- 8. Compound Identification
- 9. Constituent Quantitation and Reported Detection Limits
- 10. System Performance
- 11. Documentation
- 12. Overall Assessment

1. HOLDING TIMES

The cooler temperature upon receipt at the laboratory was within the recommended temperature of 4°C +/- 2°C. All samples were initially extracted within the seven-day technical holding time and the five-day Validated Time of Sample Receipt (VTSR) method holding time. Sample SK-SW50-1016 was re-extracted do to quality control related issues. The re-extraction was performed outside of the seven-day technical holding time and the five-day Validated Time of Sample Receipt (VTSR) method holding time. As per the National Functional Guidelines, if technical holding times are exceeded, flag all positive results as estimated "J", and non-detected results as estimated "UJ".

2. GC/MS TUNING

The samples were analyzed on a single GC/MS system, identified as MSSV3. Three decafluorotriphenylphosphine (DFTPP) tunes were run representing the shift in which the standards and samples were analyzed. The DFTPP tunes are acceptable.

3. CALIBRATION

A. Initial Calibration

Two IC's dated 1/3/06 and 1/7/06 were analyzed in support of the semivolatile sample analyses. Documentation of the IC was present in the data package, and the Relative Response Factor (RRF), as well as percent % RSD values were accurately reported for all target compounds. The criteria employed for technical data review purposes are different than those used in the method. The laboratory must meet a minimum RRF of 0.01; however, for data review purposes, a RRF criterion of "greater than or equal to 0.05" is applied to all semi-volatile compounds. The RRF's and the average RRF for the IC's were within the acceptance criteria specified in the method for all target compounds

B. Continuing Calibration

Three CC's dated 1/3/06, 1/7/06, and 1/12/06 were analyzed in support of the semivolatile sample analyses reported in the data submissions. The percent difference (%D) between the average RRF's and the CC Response Factors for the CC's were within the acceptance criteria.

4. BLANKS

Two laboratory semivolatile method blanks and an Equipment blank were analyzed with this SDG. The results are summarized below.

Method Blank (MB316015)

Bis-(2-ethylhexyl) phthalate (3.92 ppb) was detected in the blank extracted on 12/15/05.

Method Blank (MB333297)

Bis-(2-ethylhexyl) phthalate (0.935 ppb) was detected in the blank extracted on 1/5/06.

Equipment Blank (SK-SWEB-1016)

Bis-(2-ethylhexyl) phthalate (2.24 ppb) was detected in the Equipment Blank collected on 12/14/05. The Bis-(2-ethylhexyl) phthalate detected in the Equipment Blank was mitigated by the presence of Bis-(2-ethylhexyl) phthalate in the associated method blank.

5. SYSTEM MONITORING COMPOUND RECOVERY

All reported semivolatile system monitoring compounds (SMC) were recovered within acceptable control limits except as follows:

	2-Fluorobiphenyl	Terphenyl-d14	Phenol-d5	2,4,6-Tribromophenol
SK-SW50-1016	0%	155%	0%	0%
SK-SW50MS-1016	2501%	151%	1%	2776%

As per the National Functional Guidelines:

Separate Page 1

If any two base/neutral or acid surrogates are out of specification, or if any one base/neutral or acid extractable surrogate has a recovery of less than 10 percent, then there should be a re-analysis to confirm that the non-compliance is due to sample matrix effects rather than laboratory deficiencies.

If two or more surrogates in either semivolatile fraction (base/neutral or acid fraction) have a recovery greater than the upper acceptance limit then qualify detected results with "J".

If two or more surrogates in either semivolatile fraction have a recovery greater than or equal to 10 percent but less than the lower acceptance limit qualify detected results for that fraction with "J" and non-detected results with "UJ".

If any surrogate in either fraction shows less than 10% qualify detected analytes for that fraction with "J" and non-detected results for that fraction with "R".

6. MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD)

Sample SK-SW50-1016 was submitted for MS/MSD analysis. The MS/MSD percent recoveries were within the acceptance criteria with the exception of N-Nitroso-di-n-propylamine, Acenaphthene, 4-Nitrophenol, 2,4-Dinitrotoulene, Pentachlorophenol, and Pyrene associated with the MS and 4-Nitrophenol associated with the MSD.

The %RPD between the MS/MSD for Phenol, N-Nitroso-di-n-propylamine, Acenaphthene, 4-Nitrophenol, 2,4-Dinitrotoluene, Pentachlorophenol, and Pyrene exceeded the acceptance criteria. As per the National Functional Guidelines, no action is taken on MS/MSD data alone.

7. INTERNAL STANDARDS PERFORMANCE

Internal standard (IS) areas were within acceptable limits for the reported semivolatile sample analyses except as follows:

Acenaphthene-d10 (0%), Crysene-d12 (low), and Perylene-d12 (extremely low) associated with sample SK-SW50-1016;

Acenaphthene-d10 (low), Crysene-d12 (low), and Perylene-d12 (extremely low) associated with sample SK-SW50MS-1016.

As per the National Functional Guidelines: if an IS area count for a sample or blank is outside - 50 percent or +100 percent of the area for the associated standard:

- a. Positive results for compounds quantitated using that IS should be qualified with "J".
- b. Non-detected compounds quantitated using an IS area count greater than 100 percent should not be qualified.
- c. Non-detected compounds quantitated using an IS area count less than 50 percent are reported as the associated sample quantitation limit and qualified with "UJ".
- d. If extremely low area counts are reported, or if performance exhibits a major abrupt drop-off, then a severe loss of sensitivity is indicated. Non-detected target compounds should then be qualified as unusable (R).

It should be noted that sample SK-SW50-1016 was re-extracted and re-analyzed. The IS for the re-extracted sample were within the acceptance criteria. There was insufficient sample remaining for the re-extraction of SK-SW50MS-1016.

8. COMPOUND IDENTIFICATION

All reported semivolatile constituents were correctly identified with supporting chromatograms present in the data package.

9. CONSTITUENT QUANTITATION AND REPORTED DETECTION LIMITS

Constituent quantitations were correctly calculated and reported for semivolatile constituents.

10. SYSTEM PERFORMANCE

The analytical system appears to have been working well at the time of these analyses, based on the evaluation of the raw data submitted for review.

11. DOCUMENTATION

There was no extraction date or preparation method listed on Form I SV-TIC. The data validator manually made the correction.

12. OVERALL ASSESSMENT

Sample SK-SW50-1016 (RE) should be used for reporting purposes because the results for sample SK-SW50-1016 were rejected do to quality control issues associated with system monitoring compounds and the internal standard recoveries. The results are acceptable with the validator-added qualifiers.

DATA VALIDATION SUMMARY – SAMPLE DELIVERY GROUP 205121431 VOLATILE ORGANIC

Validation of the GC/MS volatile organics data, as prepared by Gulf Coast Analytical Laboratories (GCAL) for the samples collected from the Skinner Landfill site in December 2005, was conducted by Earth Tech using the National Functional Guidelines for Organic Data Review, (US EPA, October, 1999), as appropriate. The results were reported by GCAL under SDG 205121431.

GCAL#	Sample Description		
20512143101	SK-SW50-1016		
20512143102	SK-SW50 MS-1016		
20512143103	SK-SW50 MSD-1016		
20512143105	SK-SWEB-1016		
20512143106	SK-SW51-1016		
20512143107	SK-SW51FD-1016		
20512143108	SK-SW52-1016		

INTRODUCTION

Analyses were performed according to CLP-Organic Analysis Low Concentration OLC02.0 SOW. Results of the sample analyses are reported by the laboratory as either qualified or unqualified. Unqualified results mean that the reported values may be used without reservation. The laboratory to denote specific information regarding the analytical results uses various qualifier codes. The data validation process is intended to evaluate the data on a technical basis. The data package also was subjected to an internal laboratory quality review prior to submission to Earth Tech for data validation.

During the validation process, laboratory-qualified and unqualified data are verified against all available supporting documentation. Based on this evaluation, qualifier codes may be added, deleted or modified by the data user. Final results are therefore, either qualified or unqualified. Validator-qualified results are annotated with the following codes in accordance with the Functional Guidelines:

- U The constituent was analyzed for, but was not detected above the level of the associated analytical reporting limit. The associated value is either the sample quantitation limit or the sample detection limit.
- J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

The volatiles data validation findings and conclusions are provided in the following sections of this report:

- 1. Holding Times
- 2. GC/MS Tuning
- 3. Calibration
 - A. IC
 - B. CC
- 4. Blanks
- 5. System Monitoring Compound Recovery
- 6. MS/MSD
- 7. Laboratory Control Sample
- 8. Internal Standards Performance
- 9. Compound Identification
- 10. Constituent Quantitation and Reported Detection Limits
- 11. System Performance
- 12. Documentation
- 13. Overall Assessment

1. HOLDING TIMES

All samples for Volatile Organic Compounds (VOC) analyses were analyzed within the 14-day technical holding time and the 10-day VTSR method holding time. The cooler temperature upon receipt at the laboratory was within the recommended temperature of 4°C +/- 2°C.

2. GC/MS TUNING

The samples were analyzed on one GC/MS system, identified as MSV7 One bromofluorobenzene (BFB) tune was run on MSV7. The BFB tune is acceptable.

3. CALIBRATION

A. Initial Calibration

One IC dated 12/1705 was analyzed on instrument MSV7 in support of the volatile sample analyses reported in the data submissions. Documentation of the IC standards is present in the data package, and RRF's as well as %RSD values were accurately reported. The criteria employed for technical data review purposes are different than those used in the method. The laboratory must meet a minimum RRF of 0.01; however, for data review purposes, a RRF criterion of "greater than or equal to 0.05" is applied to all volatile compounds.

The RRF's and the average RRF for the IC were within the acceptance criteria specified in the method for all target compounds.

The %RSD's were within the acceptance criteria specified in the method for all target analytes with the exception of Acetone. The data validator dropped the lowest point of the calibration curve and recalculated the %RSD. The recalculated %RSD is within the acceptance criteria.

B. Continuing Calibration

One CC dated 12/17/05 was analyzed on instrument MSV7 in support of the volatile sample analyses reported in the data submissions. The percent difference (%D) between the average RRF's and the CC RF's were within the acceptance criteria for all target compounds. The CC RRF's for the CC were within the acceptance criteria specified in the method for all target compounds.

4. BLANKS

One laboratory volatile method blank, storage blank, and Equipment Blank were analyzed with this SDG. The results are summarized below.

MB317414

1,2-Dichlorobenzene (0.59 ppb), Acetone (4.4 ppb), and Methylene chloride (0.15 ppb) were detected in the method blank analyzed on 12/17/05 (1258).

Storage Blank (VHBLK)

1,2-Dichlorobenzene (0.62 ppb), Acetone (3.3 ppb), and Methylene chloride (0.11 ppb) were detected in the Storage Blank analyzed on 12/17/05.

Equipment Blank (SK-SWEB-1016)

1,2-Dichlorobenzene (0.70 ppb), Acetone (4.5 ppb), and Chlorobenzene (0.32 ppb) were detected in the Equipment Blank.

5. SYSTEM MONITORING COMPOUND RECOVERY

All reported volatile system monitoring compounds (SMC) were recovered within acceptable control limits (80%-120%) with the exception of samples SK-SW51FD-1016 (79%), SK-SW52-1016 (79%) and the volatile holding blank (76%). As per the National Functional Guidelines, if the SMC is less than the acceptance criteria then qualify detected results with "J" and non-detected results with "UJ". The laboratory made the comment that the low surrogate recovery associated with samples SK-SW51FD-1016 and SK-SW52-1016 was attributed to matrix interference but that does not account for the low recovery of the volatile holding blank which is deionized water.

6. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Sample SK-SW50-1016 was submitted for the MS/MSD analysis. The MS/MSD percent recoveries were within the acceptance criteria.

7. LABORATORY CONTROL SAMPLE

One Laboratory Control Sample was analyzed in conjunction with this SDG. Recoveries were within the control limit for all constituents.

8. INTERNAL STANDARDS PERFORMANCE

Internal Standard (IS) areas and retention times were within acceptable limits for the reported volatile sample analyses.

9. COMPOUND IDENTIFICATION

All reported VOCs were correctly identified with supporting chromatograms present in the data package.

10. CONSTITUENT QUANTITATION AND REPORTED DETECTION LIMITS

Constituent quantitations were correctly calculated and reported for VOCs.

11. SYSTEM PERFORMANCE

The analytical system appears to have been working well at the time of these analyses, based on the evaluation of the raw data.

12. **DOCUMENTATION**

The documentation submitted for review appeared accurate and in order.

13. OVERALL ASSESSMENT

The results are acceptable with the validator-added qualifiers.

DATA VALIDATION SUMMARY - SAMPLE DELIVERY GROUP 205121431 PESTICIDES

Validation of the Gas Chromatography (GC) pesticides data, as prepared by Gulf Coast Analytical Laboratories (GCAL) for the samples collected from the Skinner Landfill site in December 2005, was conducted by Earth Tech using the National Functional Guidelines for Organic Data Review, (US EPA, October, 1999), as appropriate. The results were reported by GCAL under SDG 205121431.

GCAL #	Sample Description
20512143101	SK-SW50-1016
20512143102	SK-SW50 MS-1016
20512143103	SK-SW50 MSD-1016
20512143105	SK-SWEB-1016
20512143106	SK-SW51-1016
20512143107	SK-SW51FD-1016
20512143108	SK-SW52-1016
20512143117	SK-SW50-1016 (RE)
20512143118	SK-SW50 MS-1016 (RE)
20512143119	SK-SW50 MSD-1016 (RE)
20512143120	SK-SWEB-1016 (RE)
20512143121	SK-SW51-1016 (RE)
20512143122	SK-SW52-1016 (RE)
20512143123	SK-SW51FD-1016 (RE)

INTRODUCTION

Analyses were performed according to CLP-Organic Analysis Multi-Media, Multi-Concentration OLM04.2 SOW. Results of the sample analyses are reported by the laboratory as either qualified or unqualified. Unqualified results mean that the reported values may be used without reservation. Various qualifier codes are used by the laboratory to denote specific information regarding the analytical results.

The data validation process is intended to evaluate the data on a technical basis. The data package also was subjected to an internal laboratory quality review prior to submission to Earth Tech for data validation.

During the validation process, laboratory-qualified and unqualified data are verified against all available supporting documentation. Based on this evaluation, qualifier codes may be added, deleted or modified by the data user. Final results are therefore, either qualified or unqualified. Validator-qualified results are annotated with the following codes in accordance with the Functional Guidelines:

- U The constituent was analyzed for, but was not detected above the level of the associated analytical reporting limit. The associated value is either the sample quantitation limit or the sample detection limit.
- J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
- R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

Details of the pesticide data validation findings and conclusions are provided in the following sections of this report:

- 1. Holding Times
- 2. Gas Chromatograph/Electronic Capture Detector (GC/ECD) Instrument Performance Check
- 3. IC
- 4. Calibration Verification
- 5. Blanks
- 6. Surrogate Spikes
- 7. Matrix Spike/Matrix Spike Duplicate (MS/MSD)
- 8. Pesticide Cleanup Checks
- 9. Target Compound Identification
- 10. Constituent Quantitation and Reported Detection Limits
- 11. Documentation
- 12. Overall Assessment

1. HOLDING TIMES

The cooler temperature upon receipt at the laboratory was within the recommended temperature of 4°C +/- 2°C. All samples were initially extracted within the seven-day technical holding time and the five-day Validated Time of Sample Receipt (VTSR) method holding time. All samples were re-extracted do to quality control related issues. The re-extraction was performed outside of the seven-day technical holding time and the five-day Validated Time of Sample Receipt (VTSR) method holding time. As per the National Functional Guidelines, if technical holding times are exceeded, flag all positive results as estimated "J", and non-detected results as estimated "UJ".

2. GC/ECD INSTRUMENT PERFORMANCE CHECK

The Performance Evaluation Mixture (PEM) was analyzed at the correct frequency. Absolute retention times were within limits.

The percent resolution between adjacent peaks was within QC limits for the Pesticide Analyte Resolution Check. The percent resolution between adjacent peaks is within QC limits for the Performance Evaluation Mixtures (PEM).

The percent breakdown for both 4,4'-DDT and Endrin in each PEM was less than 20.0% for both GC columns. The combined percent breakdown for 4,4'-DDT and Endrin in each PEM was less than 30.0% for both GC columns.

3. INITIAL CALIBRATION

Individual standard mixtures A and B were analyzed at the correct frequencies and concentrations. The percent resolution criterion for Individual standard mixtures A and B were within the acceptance criteria.

The Percent Relative Standard Deviation (%RSD) of the calibration factors for each of the single component pesticides was less than 20%. The multi-component target compounds were analyzed separately on both columns at a single concentration level. Retention times were determined from a minimum of three peaks.

4. CALIBRATION VERIFICATION

Absolute retention times were within appropriate time retention windows. The percent difference for each of the pesticides and surrogates in the PEM's were within the acceptance criteria of ± 25.0 percent for the calibration verifications.

The percent difference for each of the pesticides and surrogates in the midpoint concentration of the Individual Standard Mixtures A and B was within the acceptance criteria of ± 25.0 percent.

5. BLANKS

Three laboratory method blanks and one Equipment Blank were analyzed with this SDG. The results are summarized below.

Method Blank 325170

No constituents were detected above the laboratory-reporting limit. This blank corresponds to all samples extracted on 12/16/05.

Method Blank 321819

No constituents were detected above the laboratory-reporting limit. This blank corresponds to all samples extracted on 12/22/05.

Method Blank 328261

No constituents were detected above the laboratory-reporting limit. This blank corresponds to all samples extracted on 12/27/05.

Equipment Blank (SK-SWEB-1016)

No constituents were detected above the laboratory-reporting limit in the Equipment Blank.

6. SURROGATE SPIKES

Decachlorobiphenyl (DCB) and tetrachloro-m-xylene (TCX) surrogate spike recoveries were within the acceptance criteria (30% - 150%) for all samples with the exception of DCB associated with samples SK-SWEB-1016 (RE) (22%) and MB321819 (28%) and TCX associated with sample SK-SW51FD-1016 (RE) (0.6%).

As per the National Functional Guidelines, if low recoveries (i.e., between 10 and 30 percent) for either surrogate spike are obtained, associated detected compounds should be qualified "J" and non-detected compounds with "UJ". If either pesticide surrogate recovery is reported as between 0 percent and 10 percent, the reviewer should examine the sample chromatogram to assess the qualitative validity of the analysis. If sample dilution is not a factor, then detected target compounds may be qualified "J" and non-detected target compound results should be qualified unusable (R).

7. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Sample SK-SW50-1016 was submitted for MS/MSD analysis. The MS/MSD percent recoveries were within the acceptance criteria with the exception of Heptachlor (490%/38%) and Lindane (52%/40%). The MS/MSD percent recoveries for the re-extracted sample SK-SW50-1016 were within the acceptance criteria with the exception of Lindane (39%/41%). The relative percent difference between the MS/MSD results were within the acceptance criteria with the exception of Aldrin, Endrin, Heptachlor, and Lindane. As per the National Functional Guidelines, no action is taken on MS/MSD data alone.

8. PESTICIDE CLEANUP CHECKS

Recoveries of all pesticides and surrogates were within 80-120% for the lot of Florisil cartridges utilized for pesticide cleanup.

9. TARGET COMPOUND IDENTIFICATION

All reported pesticide data were correctly identified with supporting chromatograms present in the data package.

10. CONSTITUENT QUANTITATION AND REPORTED DETECTION LIMITS

Constituent quantitations were correctly calculated and reported for pesticide constituents.

11. DOCUMENTATION

The documentation submitted for review appeared accurate and in order.

12. OVERALL ASSESSMENT

The results from the initial extraction of the pesticides should be used for reporting purposes do to the fact that all of the re-extracted sample results were qualified because they were re-extracted outside of the seven-day technical holding time and the five-day Validated Time of Sample Receipt (VTSR) method holding time. The results are acceptable as reported by the laboratory.

REFERENCES

US EPA, 1994. National Functional Guidelines for Inorganic Data Review.

US EPA, 1999. National Functional Guidelines for Organic Data Review.



ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

Report Date 02/02/2006

GCAL Report 205121431

RESUBMITTED

Deliver To Earth Tech 2373 Progress St Hebron, KY 41048 859-442-2300

Attn Pat Higgins

Customer Earth Tech

Project Skinner Landfill

CASE NARRATIVE

Client: Earth Tech Report: 205121431

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the sample cross-reference page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

Selected pages of this report are resubmitted to integrate a peak in the OLC02.1 - CLP Volatiles analysis of MB317414.

VOLATILES MASS SPECTROMETRY

In the OLC02.1 - CLP Volatiles analysis for analytical batch 310081, sample 20512143116 (VHBLK) exhibited a recovery for 4-bromofluorobenzene below the established control limits.

In the OLC02.1 - CLP Volatiles analysis of samples 20512143107 (SK-SW51FD-1016) and 20512143108 (SK-SW52-1016), the recovery for the surrogate 4-Bromofluorobenzene was outside of the established control limits. The samples were reanalyzed and similar results were observed. This is attributed to matrix interference.

SEMI-VOLATILES MASS SPECTROMETRY

In the OLM04.2 – CLP Semi-volatiles analysis, samples 20512143101 (SK-SW50-1016) and 20512143102 (SK-SW50 MS-1016) had an interference with the internal standards and several surrogates were outside control limits. Sample 20512143101 (SK-SW50-1016) was re-extracted outside holding time and re-analyzed as sample 20512143124. Sample 20512143102 (SK-SW50 MS-1016) had insufficient sample volume to re-extract.

In the OLM04.2 – CLP Semi-volatiles analysis for prep batch 309778, the MS/MSD exhibited sporadic recovery and RPD failures. All LCS/LCSD recoveries and RPDs were acceptable. This is attributed to matrix interference.

SEMI-VOLATILES GAS CHROMATOGRAPHY

In the OLM04.2 - CLP Pest/PCB analysis for prep batch 312323, the MS/MSD exhibited sporadic recovery and RPD failures. This is attributed to matrix interference.

In the OLM04.2 - CLP Pest/PCB analysis for prep batch 311530, the MS/MSD exhibited sporadic recovery failures. This is attributed to matrix interference.

In the OLM04.2 - CLP Pest/PCB analysis for samples 321819 MB, 20512143120 (SK-SWEB-1016(RE)) and 20512143123 (SK-SW51FD-1016(RE)), the surrogate recoveries for Tetrachloro-m-xylene and/or Decachlorobiphenyl were outside the suggested

recovery for limits for CLP. The re-extract samples were re-extracted out of hold time; however, both results are reported.

METALS

In the ILM04.1 - CLP Metals analysis for prep batch 310158, the MS recovery was outside the control limits for Selenium. The LCS recovery was within control limits. This indicates the analysis is in control and the sample is affected by matrix interference. A post-digestion spike was performed on the QC sample for this batch with a recovery of 85%. The Sample/Duplicate RPD for Aluminum, Iron, Lead, Nickel, Selenium, Chromium and Nickel are not applicable because the sample and/or duplicate concentration is less than five times the reporting limit. Dissolved Iron, Dissolved Zinc and Total Potassium are flagged as estimated due to the fact that the percent difference between the original sample result and the serial dilution result is greater than 10. A chemical or physical interference is suspected

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

Common Abbreviations Utilized in this Report

ND	Indicates the result was Not Detected at the specified RDL
DO	Indicates the result was Diluted Out
MI	Indicates the result was subject to Matrix Interference
TNTC	Indicates the result was Too Numerous To Count
SUBC	Indicates the analysis was Sub-Contracted
FLD	Indicates the analysis was performed in the Field
DOI.	Drastical Oversitation Limit

PQL Practical Quantitation LimitMDL Method Detection LimitRDL Reporting Detection Limit

00:00 Reported as a time equivalent to 12:00 AM

Reporting Flags Utilized in this Report

J	Indicates an estimated value
U	Indicates the compound was analyzed for but not detected

B (ORGANICS) Indicates the analyte was detected in the associated Method Blank

B (INORGANICS) Indicates the result is between the RDL and MDL

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with ISO Guide 25 and NELAC, this report shall be reproduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

CURTIS EKKER

DATA VALIDATION MANAGER GCAL REPORT 205121431

THIS REPORT CONTAINS _____ PAGES.

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20512143101	SK-SW50-1016	Water	12/12/2005 12:48	12/14/2005 09:35
20512143102	SK-SW50 MS-1016	Water	12/12/2005 13:22	12/14/2005 09:35
20512143103	SK-SW50 MSD-1016	Water	12/12/2005 13:30	12/14/2005 09:35
20512143104	SK-SW50DUP-1016	Water	12/12/2005 13:30	12/14/2005 09:35
20512143105	SK-SWEB-1016	Water	12/12/2005 15:39	12/14/2005 09:35
20512143106	SK-SW51-1016	Water	12/12/2005 14:10	12/14/2005 09:35
20512143107	SK-SW51FD-1016	Water	12/12/2005 14:24	12/14/2005 09:35
20512143108	SK-SW52-1016	Water	12/12/2005 14:48	12/14/2005 09:35
20512143109	SK-S W 50-1016(DISS)	Water	12/12/2005 12:48	12/14/2005 09:35
20512143110	SK-SW50MS-1016(DISS)	Water	12/12/2005 13:22	12/14/2005 09:35
20512143111	SK-SW50DUP-1016(DISS)	Water	12/12/2005 13:30	12/14/2005 09:35
20512143112	SK-SWEB-1016(DISS)	Water	12/12/2005 15:39	12/14/2005 09:35
20512143113	SK-SW51-1016(DISS)	Water	12/12/2005 14:10	12/14/2005 09:35
20512143114	SK-SW51FD-1016(DISS)	Water	12/12/2005 14:24	12/14/2005 09:35
20512143115	SK-SW52-1016(DISS)	Water	12/12/2005 14:48	12/14/2005 09:35
20512143116	VHBLK	Water		12/14/2005 09:35
20512143117	SK-SW50-1016(RE)	Water	12/12/2005 12:48	12/14/2005 09:35
20512143118	SK-SW50 MS-1016(RE)	Water	12/12/2005 13:22	12/14/2005 09:35
20512143119	SK-SW50 MSD-1016(RE)	Water	12/12/2005 13:30	12/14/2005 09:35
20512143120	SK-SWEB-1016(RE)	Water	12/12/2005 15:39	12/14/2005 09:35
20512143121	SK-SW51-1016(RE)	Water	12/12/2005 14:10	12/14/2005 09:35
20512143122	SK-SW52-1016(RE)	Water	12/12/2005 14:24	12/14/2005 09:35
20512143123	SK-SW51FD-1016 (RE)	Water	12/12/2005 14:24	12/14/2005 09:35
20512143124	SK-SW50-1016 (RE)	Water	12/12/2005 12:48	12/14/2005 09:35

SAMPLE NO.

SK-SW50-1016

Lab Name: GC	AL Contract:	entropy and the specific for each angular speciments and the speciments and the speciments and the speciments	r pamorna, worker nirraksjag syste	genege weaper		
	24 Case No.: S				1431	
	Water	rendere dibe frances in communicati	en er van Same op fan de ar ar	Affan is diff Sudffan i fire	(Pritingle) of head dispend it limes, a sendence it is reliable to	
	25 (g/ml) mL	Lab Sample ID:	205121431	01	But JAN 1 on the despitation from the control of the	
Level: (low/med)	The state of the s			A		
% Moisture: not de				Time: 1		
GC Column: DB	-624-30M ID: .53 (mm)			demokrati nya — 1 Prosonova delen sepera yaper 1 Maka na sasa d		
	ISV7			Time: 1		
Soil Extract Volum				Analyst:		
Soil Aliquot Volum				Analytical		
·		Analytical Method:			· Zi vezzi Menri	
CONCENTRATI	ION UNITS: ug/L	,,		a transplantación y libert el proctur s		
CAS NO.	COMPOUND	RESULT	Q	MDL	RL	
71-55-6	1,1,1-Trichloroethane	1.0	U	0.010	1.0	7
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	0.010	1.0	7
79-00-5	1,1,2-Trichloroethane	1.0	U	0.010	1.0	7
75-34-3	1,1-Dichloroethane	1.0	Ü	0.010	1.0	7
75-35-4	1,1-Dichloroethene	1.0	U	0.010	1.0	7
120-82-1	1,2,4-Trichlorobenzene	1.0	U	0.010	1.0	7
106-93-4	1,2-Dibromoethane	1.0	U	0.010	1.0	7
95-50-1	1,2-Dichlorobenzene	1.0	Ü	0.010	1.0	7
107-06-2	1,2-Dichloroethane	1.0	U	0.010	1.0	7
540-59-0	1,2-Dichloroethene	1.0	U	0.010	1.0	7
78-87-5	1,2-Dichloropropane	1.0	U	0.010	1.0	7
541-73-1	1,3-Dichlorobenzene	1.0	U	0.010	1.0	7
106-46-7	1,4-Dichlorobenzene	1.0	U	0.010	1.0	7
78-93-3	2-Butanone	5.0	U	0.010	5.0	7
591-78-6	2-Hexanone	5.0	U	0.010	5.0	7
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0	7
67-64-1	Acetone	5,0.45	JB	0.010	5.0	Til
71-43-2	Benzene	1.0	U	0.010	1.0	
75-27-4	Bromodichloromethane	1.0	Ü	0.010	1.0]
75-25-2	Bromoform	1.0	U	0.010	1.0	7
74-83-9	Bromomethane	1.0	U	0.010	1.0]
75-15-0	Carbon disulfide	1.0	U	0.010	1.0]
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0	7
108-90-7	Chlorobenzene	1.0	U	0.010	1.0	7
75-00-3	Chloroethane	1.0	U	0.010	1.0]
67-66-3	Chloroform	1.0	U	0.010	1.0]
74-87-3	Chloromethane	1.0	U	0.010	1.0	7
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0	7
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0	1
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0	1
100-41-4	Ethylbenzene	1.0	U	0.010	1.0]
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FORM I VOA

SAMPLE NO.

SK-SW50-1016

Lab Name: GCA	L	ontract:	en arbinar anger er arangagan ny anaron papaganganya, saran na		August 200 - 20000 - 2		
	4 Case No.:	S	AS No.:	s	DG No.: 20512	1431	er 16.6 v, par es
Matrix: (soil/water)	Water						
	5 (g/ml) mL		Lab Sample ID:	20512143101	Company of the compan	alakki yangin birarka telakki kirular kilanta	
Level: (low/med)		enwettengenssatis weren som sakkersse	Lab File ID: 20	51217/A1838A	ng o regeria promonent menteger se	t want to say gong to bit up y toget	
	3.		Date Collected:	12/12/05	Time: _1	248	
	624-30M ID: .53		Date Received:	12/14/05	· por a allega a como a mediamente de tra certa de	Member and all 100 and a Adeq American Strategics of Section 2	
Instrument ID: MS	SV7	anthon ones ortestas generals of a sid				512	
			Dilution Factor:	1	Analyst:	RJO	
Soil Aliquot Volume		(µL)	Prep Batch:	none in accepts a season on an	Analytical	Batch: 310081	
CONCENTRATIO	ON UNITS: ug/L		Analytical Method				
CAS NO.	COMPOUND		RESULT	Q	MDL	RL	
75-09-2	Methylene chloride		7.0044	J	0.010	2.0	7 U
100-42-5	Styrene		1.0	U	0.010	1.0	٦
127-18-4	Tetrachloroethene		1.0	U	0.010	1.0	7
108-88-3	Toluene		1.0	U	0.010	1.0	7
79-01-6	Trichloroethene		1.0	U	0.010	1.0	7
75-01-4	Vinyl chloride	·····	1.0	U	0.010	1.0	7
1330-20-7	Xylene (total)		1.0	Ü	0.010	1.0	7

1E VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

SAMP	LE NO.
SK	-SW50-1016

Lab Name: GCAL Co	ontract:	danningsystemates spil tit spiral at silte. All in hermonic flat spisops septiments behaved	ga a salahatan salahaga, ayan akkada da tana		
Lab Code: LA024 Case No.:		SAS No.:	ana, amanin 1860, 2500 Spangrapo Andrew - Albari d	SDG No.: 205	121431
Matrix: Water	forth hours martinists	Lab Sample ID:	2051214310	Tomas somewhat products in the same	E a magazione de robilidaddor. Proches et fizicion agregated de bet 24
Sample wt/vol: Units:	hir siring and supply program	Lab File ID: 205	51217/A1838A	Name of the state of the state of the state of	we's stand of their sections with the control of the section of th
Level: (low/med)	TORKER OF MANY TORKERS	Date Collected:	12/12/05	Time:	1248
% Moisture: not dec.	make all large - will be seen a large	Date Received:	12/14/05	nt Hispani stratic was	were requesting as well as the deleteration of advances of which is a
GC Column: DB-624-30M ID: .53	(mm)	Date Analyzed:	12/17/05	Time:	1512
Instrument ID: MSV7	75 5 The 140 5 W 140 5 TH	Dilution Factor:	1	Analyst:	RJO
Scil Extract Volume:	(µL)				
Scil Aliquot Volume:	(µL)				
Number TICs Found: 0					
CONCENTRATION UNITS: ug/L					
CAS NO. COMPOUND		RT	EST.	CONC.	Q
1. No tics detected					

SAMPLE NO.

SK-SWEB-1016

Lab Name: GCA	L Contract:	e produces many the book of agency a region of agency and	and the second of the second o	Security on which		
	4 Case No.: S				1431	
	Water					
	5 (g/ml) mL	Lab Sample ID:	2051214310	5	adhiright of a sold object water appears in the	
evel: (low/med)	ugan ki sansinin magan anaharapa mahin haari ka ki sada gibbi ana ila shakari. Ki kikiri ki ki ka hi ha kikiri k	Lab File ID: 205	51217/A1843	en e momentales fine i resident d'espesiment l'Espesi	MANUFACTURE COMMISSION AND AND AND A SECOND OF THE COMMISSION OF T	
	C	Date Collected:				
GC Column: DB-	.624-30M ID: .53 (mm)	Date Received:	12/14/05	contracts and proper separation. I the passage, has be a car	nn hammar o' a orașina historia ostitul at Mai	
nstrument ID: M	SV7				649	
	e: (µL)	Dilution Factor:	1	Analyst:	RJO	
Soil Aliquot Volume	e: (μL)	Prep Batch:	and the second section of the section o	Analytical	Batch: 310081	
CONCENTRATION	ON UNITS: ug/L	Analytical Method				
CAS NO.	COMPOUND	RESULT	Q	MDL	RL	
71-55-6	1,1,1-Trichloroethane	1.0	T U [0.010	1.0	٦
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	0.010	1.0	7
79-00-5	1,1,2-Trichloroethane	1.0	U	0.010	1.0	1
75-34-3	1,1-Dichloroethane	1.0	U	0.010	1.0	
75-35-4	1,1-Dichloroethene	1.0	U	0.010	1.0	7
120-82-1	1,2,4-Trichlorobenzene	1.0	1 0	0.010	1.0	7
106-93-4	1,2-Dibromoethane	1.0	U	0.010	1.0	1
95-50-1	1,2-Dichlorobenzene	1,5 20.70	JB	0.010	1.0	Tu
107-06-2	1,2-Dichloroethane	1.0	U	0.010	1.0	7
540-59-0	1,2-Dichloroethene	1.0	1 0	0.010	1.0	7
78-87-5	1,2-Dichloropropane	1.0	1 0	0.010	1.0	7
541-73-1	1,3-Dichlorobenzene	1.0	U	0.010	1.0	7
106-46-7	1,4-Dichlorobenzene	1.0	U	0.010	1.0	7
78-93-3	2-Butanone	5.0	U	0.010	5.0	7
591-78-6	2-Hexanone	5.0	U	0.010	5.0	7
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0	7
67-64-1	Acetone	5045	#B	0.010	5.0	7 に
71-43-2	Benzene	1.0	U	0.010	1.0	7
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0	
75-25-2	Bromoform	1.0	U	0.010	1.0	7
74-83-9	Bromomethane	1.0	U	0.010	1.0	7
75-15-0	Carbon disulfide	1.0	U	0.010	1.0	7
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0	7
108-90-7	Chlorobenzene	0.32	J	0.010	1.0	1
75-00-3	Chloroethane	1.0	U	0.010	1.0	7
67-66-3	Chloroform	1.0	U	0.010	1.0	7
74-87-3	Chloromethane	1.0	U	0.010	1.0	1
12:4-48-1	Dibromochloromethane	1.0	U	0.010	1.0	1
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0	1
10:061-02-6	trans-1,3-Dichloropropene	1.0	T U T	0.010	1.0	1
100-41-4	Ethylbenzene	1.0	U	0.010	1.0	1

Tingpo

FORM I VOA

SAMPLE NO.

SK-SWEB-1016

Lab Name: GC/	AL C	ontract:	and the second of the second o	-	error otranspor	
	Case No.:		SAS No.:	s	DG No.: 20512	1431
Matrix: (soil/water)	Water					
Sample wt/vol: _2	25 (g/ml) mL	disk from dry on the origin ordinate and	Lab Sample ID:	20512143105		constant and the second control of the secon
Level: (low/med)	against a specific conference was soon a single graph to be made one product the first his say, or or again	and concerns at a security of the second sec	Lab File ID: 205	51217/A1843	nage who go as go all was agreed to see	garmanayya ya a sassa fa nasana a kabanda naya
% Moisture: not de	ec.		Date Collected:	12/12/05	Time: 1	539
	-624-30M ID: .53					PROPERTY OF THE PROPERTY OF TH
instrument ID: M	ISV7	A STATE OF THE PARTY OF THE PARTY OF				649
Soil Extract Volum	e:	(µL)	Dilution Factor:	1	Analyst:	RJO
Soil Aliquot Volum	e:	(µL)	Prep Batch:	and the same consistence of	Analytical	Batch: 310081
CONCENTRATI	ON UNITS: ug/L		Analytical Method			
CAS NO.	COMPOUND		RESULT	Q	MDL	RL
75-09-2	Methylene chloride		2.0	U	0.010	2.0
100-42-5	Styrene		1.0	U	0.010	1.0
127-18-4	Tetrachloroethene		1.0	U	0.010	1.0
108-88-3	Toluene		1.0	U	0.010	1.0
79-01-6	Trichloroethene		1.0	U	0.010	1.0
75-01-4	Vinyl chloride		1.0	U	0.010	1.0
1330-20-7	Xylene (total)		1.0	U	0.010	1.0

1E VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.	
SK-SWEB-1016	

Lab Name: GCAL	_Contract:	annafiller til dentin som social vall svällskadentenlär atta avsagt skrapti. Esks s	Annual Annual Performance of the control of the con	
Lab Code: LA024 Case No.:	or as service - the service of topics in contrast,	SAS No.:	SDG No.: 205	121431
Matrix: Water	homes, w.j.s. of a suppose consistence	Lab Sample ID:	20512143105	ggy gendegy that for the first seasons a special control of the co
Sample wt/vol: Units:			51217/A1843	
Level: (low/med)	ngijo rhovom je se ne je nazije ne vijene	Date Collected:	12/12/05 Time:	1539
% Moisture; not dec.		Date Received:	12/14/05	and an experimental and consider the constant of the constant
GC Column: DB-624-30M ID: .53	(mm)	Date Analyzed:	12/17/05 Time:	1649
Instrument ID: MSV7	V- Valuena sassanna si appara mari			RJO
Soil Extract Volume:	(µL)			
Soil Aliquot Volume:	(µL)			
Number TICs Found: 0				
CONCENTRATION UNITS: ug/L				
CAS NO. COMPOUND		RT	EST. CONC.	Q
1. No tics detected				

SAMPLE NO.

SK-SW51-1016

					\ <u></u>	
	CAL Con					
	24 Case No.:		SAS No.:	S	DG No.: 20512	1431
Matrix: (soil/water) Water					
	25 (g/ml) mL		Lab Sample ID:	20512143106		
	and the second s		Lab File ID: 205			
	ec.		Date Collected:			
	3-624-30M ID: .53		Date Received:			
nstrument ID:	MSV7		Date Analyzed:	12/17/05	Time: 1	535
	ne:		Dilution Factor:	1	Analyst:	RJO
	ne:					Batch: 310081
son singuot voidii	plus geographical paradella. Note: 1 (275) 1 P. (100) 12(Vindella) de	(PL)				Daten. 510001
CONCENTRAT	TION UNITS: ug/L		Analytical Method:	OLCO 2.1	COMMENT AND AND THE	
CAS NO.	COMPOUND		RESULT	Q	MDL	RL
71-55-6	1,1,1-Trichloroethane		1.0	U	0.010	1.0
79-34-5	1,1,2,2-Tetrachloroethane		1.0	U	0.010	1.0
79-00-5	1,1,2-Trichloroethane		1.0	U	0.010	1.0
75-34-3	1,1-Dichloroethane		1.0	U	0.010	1.0
75-35-4	1,1-Dichloroethene		1.0	U	0.010	1.0
120-82-1	1,2,4-Trichlorobenzene		1.0	U	0.010	1.0
106-93-4	1,2-Dibromoethane		1.0	U	0.010	1.0
95-50-1	1,2-Dichlorobenzene		1.0	U	0.010	1.0
107-06-2	1,2-Dichloroethane		1.0	U	0.010	1.0
540-59-0	1,2-Dichloroethene		1.0	U	0.010	1.0
78-87-5	1,2-Dichloropropane		1.0	U	0.010	1.0
541-73-1	1,3-Dichlorobenzene		1.0	U	0.010	1.0
106-46-7	1,4-Dichlorobenzene		1.0	U	0.010	1.0
78-93-3	2-Butanone	~~~~~	5.0	U	0.010	5.0
591-78-6	2-Hexanone		5.0	U	0.010	5.0
108-10-1	4-Methyl-2-pentanone		5.0	U	0.010	5.0
67-64-1	Acetone		5,C A.8	JB	0.010	5.0
71-43-2	Benzene		1.0	U	0.010	1.0
75-27-4	Bromodichloromethane		1.0	U	0.010	1.0
75-25-2	Bromoform		1.0	U	0.010	1.0
74-83-9	Bromomethane		1.0	U	0.010	1.0
75-15-0	Carbon disulfide		1.0	U	0.010	1.0
56-23-5	Carbon tetrachloride		1.0	U	0.010	1.0
108-90-7	Chlorobenzene		1.0	U	0.010	1.0
75-00-3	Chloroethane		1.0	U	0.010	1.0
67-66-3	Chloroform		1.0	U	0.010	1.0
74-87-3	Chloromethane		1.0	U	0.010	1.0
124-48-1	Dibromochloromethane		1.0	U	0.010	1.0
10061-01-5	cis-1,3-Dichloropropene		1.0	U	0.010	1.0
10061-02-6	trans-1,3-Dichloropropene		1.0	Ŭ	0.010	1.0
100-41-4	Ethylbenzene		1.0	U	0.010	1.0

SAMPLE NO.

SK-SW51-1016

Lab Name GCA	AL Cor	ntract:	يو در اورد و خو در	laster of 1001 MINT I William Street Street	n me displace to be no		
	Case No.:					1431	. بده دود
Matrix: (soil/water)	Water						
Sample wt/vol:	25 (g/ml) mL	Photographic Section of the Contract	Lab Sample ID:	2051214310	6		
	Note that the Boards and the Edwards bearing the Section 1961 and 1961 and 1961 and 1961 and 1961 and 1961 and		Lab File ID: 20	51217/A1840	n an hinana an wantu kupa kupa kupa ya .	and the tenth of the contract	
% Moisture: not de	ec.	and the sea season place and the	Date Collected:	12/12/05	Time: 1	410	
GC Column: DB	-624-30M ID: .53	(mm)				a censulo to unicipario del socio. Se carro del cer	
Instrument ID: M	ISV7					535	
	e:		Dilution Factor:	1	Analyst:	RJO	
Soil Aliquot Volume	6 :	(µL)	Prep Batch:	and the second of the second	Analytica	Batch: 310081	•
CONCENTRATI	ION UNITS: ug/L		Analytical Method	I: OLCO 2.1	B. Advalor - Arab savenari.		
CAS NO.	COMPOUND		RESULT	Q	MDL	RL	
75-09-2	Methylene chloride		2.0 027	J	0.010	2.0	7 u
100-42-5	Styrene		1.0	U	0.010	1.0	7
127-18-4	Tetrachloroethene		1.0	U	0.010	1.0	7
108-88-3	Toluene		1.0	U	0.010	1.0	1
79-01-6	Trichloroethene		1.0	Ü	0.010	1.0	7
75-01-4	Vinyl chloride		1.0	U	0.010	1.0	7
1330-20-7	Xylene (total)		1.0	U	0.010	1.0	7
L							_

1E VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
SK-SW51-1016

Lab Name: GCAL	Contract:	majyin ka 1999 ya pindayiliyadha iyo kaya iyo al gagari wasi u bayaka 1 kakamusha.	and the state of the late of the state of th	land of	
Lab Code: LA024 Case No.:		SAS No.:	ngay yan jihir 19 Ni si shakkiri shi 19 kilikiri shi	SDG No.: 205	5121431
Matrix: Water	ing pagarain dika nadika magani Pro	Lab Sample ID:	2051214310	6	hay ngganggilo orgiosiyo gan, nagantar collenni, iso girilalang irosi na har
Sample wt/vol: Units:	, per la company de la company	Lab File ID: 20	51217/A1840	n a haarmayaannoon roo, gaara m	raking menunggang anggan sagantah kandalah satah salah kaling satah salah salah salah salah salah salah salah s
Level: (low/med)	د ورسواحات المحادث بياد الانتيامين	Date Collected:	12/12/05	Time:	1410
% Moisture: not dec.		Date Received:	12/14/05	The section sections the the sections and one extension	Bag severancy is seen with the Political Park of Berline and
GC Column: DB-624-30M ID: .53	(mm)	Date Analyzed:	12/17/05	Time:	1535
Instrument ID: MSV7	aaaaa aagab i food i nooden on ins is is in ins oo	Dilution Factor:	1	Analyst	: RJO
Scil Extract Volume:	(µL)				
Scil Aliquot Volume:	(µL)				
Number TICs Found: 0					
CONCENTRATION UNITS: ug/L					
CAS NO. COMPOUND		RT	EST.	CONC.	Q
1 No tics detected					

SAMPLE NO.

SK-SW51FD-1016

Lab Name: GCAL	Contract:					
	Case No.:				1431	
	Water	nag kathari milina kada i Sheri	entra chementa anno	Former service	andre granding of the second control of the second and the	~
Sample wt/vol: 25	(g/ml) mL	Lab Sample ID:	2051214310)7	remain an anni ann an air an	
_evel: (low/med)	and the state of the				garan na ma	
	we work a like or of spoke and it that they stronger to the live and a part of a second bound				424	
	24-30M ID: .53 (mm)					
	77				600	
	(µL)			Analyst:		
Soil Aliquot Volume:		Prep Batch:		Analytica		
	to the state of th	Analytical Method				
CONCENTRATIO	N UNITS: ug/L	yesi meriot	***************************************	in menor en		
CAS NO.	COMPOUND	RESULT	Q	MDL	RL	
7′-55-6	1,1,1-Trichloroethane	1.0	U	0.010	1.0	นั้
79-34-5	1,1,2,2-Tetrachloroethane	1.0	Ü	0.010	1.0	1
79-00-5	1,1,2-Trichloroethane	1.0	U	0.010	1.0	- 1
75-34-3	1,1-Dichloroethane	1.0	U	0.010	1.0	- {
75-35-4	1,1-Dichloroethene	1.0	U	0.010	1.0	1
120-82-1	1,2,4-Trichlorobenzene	1.0	U	0.010	1.0	- 1
106-93-4	1,2-Dibromoethane	1.0	U	0.010	1.0	
95-50-1	1,2-Dichlorobenzene	1.0	U	0.010	1.0	
107-06-2	1,2-Dichloroethane	1.0	U	0.010	1.0	- 1
540-59-0	1,2-Dichloroethene	1.0	U	0.010	1.0	l
7ε-87-5	1,2-Dichloropropane	1.0	Ü	0.010	1.0	
541-73-1	1,3-Dichlorobenzene	1.0	U	0.010	1.0	
106-46-7	1,4-Dichlorobenzene	1.0	U	0.010	1.0	- 1
78-93-3	2-Butanone	5.0	U	0.010	5.0	- l
591-78-6	2-Hexanone	5.0	U	0.010	5.0	į
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0	ł
67-64-1	Acetone	5.C.44	JB	0.010	5.0	- 1
71-43-2	Benzene	1.0	U	0.010	1.0	
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0	
	Bromoform	1.0	U	0.010	1.0	ı
74-83-9	Bromomethane	1.0	U	0.010	1.0	ļ
	Carbon disulfide	1.0	U	0.010	1.0	
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0	
108-90-7	Chlorobenzene	1.0	U	0.010	1.0	ļ
	Chloroethane	1.0	Ü	0.010	1.0	1
67-66-3	Chloroform	1.0	U	0.010	1.0	
74-87-3	Chloromethane	1.0	U	0.010	1.0	-
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0	
10061-01-5	cis-1,3-Dichloropropene	1.0	Ú	0.010	1.0	1
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0	1
100-41-4	Ethylbenzene	1.0	υ	0.010	1.0	4

FORM I VOA

SAMPLE NO.

SK-SW51FD-1016

Lab Name: GCAL	Contract:	madana vije vijeja naglebilija (navada pa na ja ve maj kap iz iz ize ov upgana na ja na k	a and a througerable checketor			
Lab Code: LA024 Cas	e No.:	SAS No.:		SDG No.: 20512	21431	
Matrix: (soil/water) Water		••				
Sample wt/vol: 25 (g/ml)	mL	Lab Sample ID:	2051214310	7	way and a second page of the second of	
_evel: (low/med)	and the second s	Lab File ID: _20	051217/A1841	a decrease in the same and an area	party spaces and make an excessionaries	
% Moisture: not dec.					1424	
GC Column: DB-624-30M			12/14/05		and the special part of the second contract o	
nstrument ID: MSV7					1600	
Soil Extract Volume:			1	Analyst:	RJO	
Soil Aliquot Volume:	(pi	_) Prep Batch:		Analytica	al Batch: 310081	
CONCENTRATION UNITS: ug/L	-	Analytical Metho	xd: OLCO 2.1	errors, cross-ses asses scarce to excess to as		
CAS NO. COMPOUND		RESULT	Q	MDL	RL	
75-09-2 Methylene chlori	de	2.0	Ū	0.010	2.0] L
100-42-5 Styrene		1.0	U	0.010	1.0	
127-18-4 Tetrachloroether	ne	1.0	Ü	0.010	1.0	7
108-88-3 Toluene		1.0	U	0.010	1.0	7
79-01-6 Trichloroethene		1.0	U	0.010	1.0	7
75-01-4 Vinyl chloride		1.0	U	0.010	1.0	7
1330-20-7 Xylene (total)	· · · · · · · · · · · · · · · · · · ·	1.0	U	0.010	1.0	┑.

1E VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.	
SK-SW51FD-1016	

Lab Name: GCAL	_Contract:	ns of the Million of the Indian Indian with the first of the second section.		
Lab Code: LA024 Case No.:		SAS No.:	SDG No.: 20	5121431
Matrix: Water		Lab Sample ID:	20512143107	, caurag n , cq., ymganay m gha n, awhlionnio amabug i bo, na d,
Sample wt/vol: Units:	Film who is all remains as he in some	Lab File ID: 20	E1217/A10/1	erannes, annun soos er is na eneman han art sittern ess a is is is is
Level: (low/med)		Date Collected:	12/12/05 Time:	1424
% Moisture: not dec.		Date Received:	12/14/05	omano paggina agago a por ser se deba cimen. Il semidados as c
GC Column: DB-624-30M ID: .53	(mm)	Date Analyzed:	12/17/05 Time:	1600
Instrument ID: MSV7	inn of the Paramon and the Adulton or the State of	Dilution Factor:	1 Analyst	: RJO
Soil Extract Volume:				
Soil Aliquot Volume:	(µL)			
Number TICs Found: 0				
CONCENTRATION UNITS: ug/L				
CAS NO. COMPOUND		RT	EST. CONC.	Q
1. No tics detected		<u> </u>		I

SAMPLE NO.

SK-SW52-1016

Lab Name: GC	AL Contract;					
	24 Case No.:				1431	
) Water	J max drive and melocologies (). Here in	- E-colonianis New - Andréis na Nia Laur	Mr. v. samping or	anagan angga ga ga sa shi ni mahan i angga shini ga shawa sa shawa	
	25 (g/ml) mL	Lab Sample ID:	2051214310	8	and the second second	
	The state of the s					
% Moisture: not di	ec.				448	
GC Column: DE	3-624-30M ID: .53 (mm)	Date Received:	12/14/05			
nstrument ID: N	MSV7	Date Analyzed:	12/17/05	Time: 1	623	
	ne: (µL)				RJO	
	ne: (µL)	Prep Batch:			Batch: 310081	
son / inquot voicin	The first the second se	•			Daten. Divooi	
CONCENTRAT	TON UNITS: ug/L	Analytical Method	l: OLCO 2.1			
CAS NO.	COMPOUND	RESULT	•	MDL	RL	
CAS NO.	COMPOUND	KESULI	Q	INDL.	KL	
71-55-6	1,1,1-Trichloroethane	1.0	U	0.010	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	0.010	1.0	Í
79-00-5	1,1,2-Trichloroethane	1.0	U	0.010	1.0	
75-34-3	1,1-Dichloroethane	1.0	Ü	0.010	1.0	
75-35-4	1,1-Dichloroethene	1.0	U	0.010	1.0	
120-82-1	1,2,4-Trichlorobenzene	1.0	1 0	0.010	1.0	. 1
106-93-4	1,2-Dibromoethane	1.0	U	0.010	1.0	, 1
95-50-1	1,2-Dichlorobenzene	1.0	U	0.010	1.0	
107-06-2	1,2-Dichloroethane	1.0	Ū	0.010	1.0	1
540-59-0	1,2-Dichloroethene	1.0	U	0.010	1.0	
78-87-5	1,2-Dichloropropane	1.0	U	0.010	1.0	j
541-73-1	1,3-Dichlorobenzene	1.0	U	0.010	1.0	
106-46-7	1,4-Dichlorobenzene	1.0	U	0.010	1.0	
78-93-3	2-Butanone	5.0	U	0.010	5.0	- 1
591-78-6	2-Hexanone	5.0	U	0.010	5.0	. 1
108-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0	
67-64-1	Acetone	5.048	JB	0.010	5.0	
71-43-2	Benzene	1.0	Ü	0.010	1.0	- 1
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0	- 1
75-25-2	Bromoform	1.0	U	0.010	1,0	
74-83-9	Bromomethane	1.0	U	0.010	1.0	ļ.
75-15-0	Carbon disulfide	0.62	J	0.010	1.0	$\widetilde{\mathcal{L}}$
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0	Ju
108-90-7	Chlorobenzene	1.0	U	0.010	1.0	i
75-00-3	Chloroethane	1.0	U	0.010	1.0	
67 -6 6-3	Chloroform	1.0	U	0.010	1.0	
74-87-3	Chloromethane	1.0	U	0.010	1.0	
124-48-1	Dibromochloromethane	1.0	U	0.010	1.0	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0	1
100-41-4	Ethylbenzene	1.0	υ	0.010	1.0	Þ

SAMPLE NO.

SK-SW52-1016

Lab Name: GCAL	Cor	ntract:			- La Carlon		
	Case No.:		SAS No.:	S	DG No.: 20512	1431	
Matrix: (soil/water)	Water						
	(g/ml) mL		Lab Sample ID:	20512143108	} 	mr skima saqadithir h sim mid Yas	
Level: (low/med)	aan oo inga is ka siraya aa ah ahaan oo dhaan oo dhaa ah		Lab File ID: 20	51217/A1842	oranga - managana mina ing 1860 ay ay aw ar	n ann ann ann an ann ann an ann an ann an a	
			Date Collected:	12/12/05	Time: 1	448	
	24-30M ID: .53		Date Received:	12/14/05		white the factor decision is a decision of the design.	
Instrument ID: MS	V7	20.00 a.o. casconage.c.				623	
	iking and desirengan ang saganggan pagan ngana ak kanalikapakan di Angangkanggan dang kanalikan sa di Andana d					RJO	
Soi: Aliquot Volume:		(µL)	Prep Batch:	and the court of the particular species	Analytical	Batch: 310081	
CONCENTRATIO	N UNITS: ug/L		Analytical Method	d: OLCO 2.1			
CAS NO.	COMPOUND		RESULT	Q	MDL	RL	
75-09-2	Methylene chloride		2.00.67	J	0.010	2.0] u:
100-42-5	Styrene		1.0	U	0.010	1.0	\Box
127-18-4	Tetrachloroethene		1.0	U	0.010	1.0	7)
108-88-3	Toluene		1.0	U	0.010	1.0	\neg \vdash
79-01-6	Trichloroethene		1.0	Ü	0.010	1.0	7
75-01-4	Vinyl chloride		1.0	U	0.010	1.0	$\neg \mid$
1330-20-7	Xylene (total)		1.0	U	0.010	1.0	_ Դ

1E VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.	
SK-SW52-1016	

Lab Name: GCAL	_Contract:	- Handa da, ay maga aya dada a Harv . Syudda ah v Shiftiya ay aran S	and the second s		
Lab Code: LA024 Case No.:	er manka hilisaa - sannoi'i resuganomoner	SAS No.:	SDG	No.: 205121431	a c 1440 -1000, 1 2 5 4
Matrix: Water	aukai 1900 hirriaan kalkiin oo ilika suuri 1900on	Lab Sample ID:	20512143108	nka (Minagan biranasi ilganis biyangaya (binabila gan dinaba	*****************
Sample w/vol: Units:	takan an a a na Jawa	Lab File ID: 20	E4047/A4040	er inne ggjal om hav vinne kløre sylves i hav in speka fils gallakserneren	
Level: (low/med)		Date Collected:	12/12/05	Time: 1448	an channe property and the
% Moisture: not dec.		Date Received:	12/14/05	gage was so, s ga, , we common which supposes were not stype agric with	Para Merina de Lara Seria de 118
GC Column: DB-624-30M ID: .53		Date Analyzed:	12/17/05	Time: 1623	ngalle Militare - per ma mili
Instrument ID: MSV7	ener - No supressionale est se conseque mante se	Dilution Factor:	1	Analyst: RJO	na panghanna ingkanggan di sabbi
Soil Extract Volume:					
Soil Aliquot Volume:	(µL)				
Number TICs Found: 1 CONCENTRATION UNITS: ug/L					
CAS NO. COMPOUND		RT	EST. CON	IC. Q	
1. 598-61-8 Cyclobutane, methyl-		3.183	1.13		

Sample ID: SK-SW50-1016 GCAL Lab Name: Lab Code: LA024 Case No.: Contract: Lab File ID: 2060103/B7877 SAS No.: SDG No.: 205121431 Matrix: Water Lab Sample ID: 20512143101 Units: mL Sample wt/vol: 1000 Date Collected: 12/12/05 Time: 1248 Level: (low/med) LOW Date Received: 12/14/05 decanted: (Y/N) Date Extracted: 12/15/05 % Moisture: Date Analyzed: 01/03/06 Time: 2045 GC Column: DB-5MS-30M ID: .25 (mm) Dilution Factor: 1 Analyst: JAR3 Concentrated Extract Volume: 1000 (µL) Prep Method: OLM4.2 SVOA Injection Volume: 1.0 (µL) Analytical Method: OLMO 4.2 GPC Cleanup: (Y/N) N pH: Instrument ID: MSSV3

Prep Batch:

309778 Analytical Batch: 311661

CONCENTRATION UNITS: ug/L

111-44-4

108-60-1

Bis(2-Chloroethyl)ether

bis(2-Chloroisopropyl)ether

CAS NO. COMPOUND RESULT Q MDL RL 95-95-4 10.0 Ū 0.010 10.0 2,4,5-Trichlorophenol 88-06-2 10.0 10.0 2,4,6-Trichlorophenol U 0.010 2,4-Dichlorophenol 120-83-2 10.0 U 0.010 10.0 51-28-5 2,4-Dinitrophenol 25.0 U 0.010 25.0 121-14-2 2,4-Dinitrotoluene 10.0 Ū 0.010 10.0 606-20-2 2.6-Dinitrotoluene 10.0 Ū 0.010 10.0 91-58-7 10.0 10.0 2-Chloronaphthalene IJ 0.010 95-57-8 U 2-Chlorophenol 10.0 0.010 10.0 91-57-6 2-Methylnaphthalene 10.0 U 0.010 10.0 88-74-4 2-Nitroaniline 25.0 U 0.010 25.0 88-75-5 2-Nitrophenol 10.0 U 0.010 10.0 91-94-1 3,3'-Dichlorobenzidine 10.0 Ū 10.0 0.010 99-09-2 3-Nitroaniline 25.0 Ü 0.010 25.0 2-Methyl-4,6-dinitrophenol 534-52-1 25.0 Ū 0.010 25.0 59-50-7 4-Chloro-3-methylphenol 10.0 Ü 0.010 10.0 106-47-8 4-Chloroaniline 10.0 U 0.010 10.0 7005-72-3 4-Chlorophenyl-phenylether 10.0 10.0 Ū 0.010 106-44-5 4-Methylphenol (p-Cresol) 10.0 U 0.010 10.0 83-32-9 Acenaphthene 10.0 Ū 0.010 10.0 10.0 208-96-8 Acenaphthylene U 0.010 10.0 120-12-7 10.0 U 0.010 10.0 Anthracene 56-55-3 Benzo(a)anthracene 10.0 U 0.010 10.0 50-32-8 10.0 Ú 0.010 10.0 Benzo(a)pyrene 205-99-2 10.0 Benzo(b)fluoranthene U 0.010 10.0 10.0 191-24-2 Benzo(g,h,i)perylene U 0.010 10.0 207-08-9 10.0 U 0.010 Benzo(k)fluoranthene 10.0 111-91-1 Bis(2-Chloroethoxy)methane 10.0 Ū 0.010 10.0

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Lab Name: GCAL	Sample ID: SK-SW50-1016
Lab Code: LA024 Case No.:	Contract:
SAS No.: SDG No.: 2051214	131 Lab File ID: 2060103/B7877
Matrix: Water	Lab Sample ID: 20512143101
Sample wt/vol: 1000 Units: mL	Date Collected: 12/12/05 Time: 1248
Level: (low/med) LOW	
% Moisture: decanted: (Y/N)	Date Extracted: 12/15/05
GC Column: DB-5MS-30M ID: .25	(mm) Date Analyzed: 01/03/06 Time: 2045
Concentrated Extract Volume: 1000	(μL) Dilution Factor: 1 Analyst: JAR3
Injection Volume: 1.0	(μL) Prep Method: OLM4.2 SVOA
GPC Cleanup: (Y/N) N pH:	Analytical Method: OLMO 4.2
CONCENTRATION UNITS: 110/	Instrument ID: MSSV3

Prep Batch: 309778 Analytical Batch: 311661

CONCENTRATION UNITS: ug/L

			*** *** *** *** *** *** *** *** *** **		
CAS NO.	COMPOUND	RESULT	Q	MDL	RL
117-81-7	bis(2-ethylhexyl)phthalate	10.0	U	0.010	10.0
101-55-3	4-Bromophenyl-phenylether	10.0	U	0.010	10.0
85-68-7	Butylbenzylphthalate	10.0	U	0.010	10.0
86-74-8	Carbazole	10.0	U	0.010	10.0
218-01-9	Chrysene	10.0	U	0.010	10.0
84-74-2	Di-n-butylphthalate	10.0	U	0.010	10.0
117-84-0	Di-n-octylphthalate	10.0	U	0.010	10.0
53-70-3	Dibenz(a,h)anthracene	10.0	U	0.010	10.0
132-64-9	Dibenzofuran	10.0	U	0.010	10.0
84-66-2	Diethylphthalate	10.0	U	0.010	10.0
131-11-3	Dimethyl-phthalate	10.0	U	0.010	10.0
105-67-9	2,4-Dimethylphenol	10.0	U	0.010	10.0
206-44-0	Fluoranthene	10.0	U	0.010	10.0
86-73-7	Fluorene	10.0	Ü	0.010	10.0
118-74-1	Hexachlorobenzene	10.0	U	0.010	10.0
87-68-3	Hexachlorobutadiene	10.0	U	0.010	10.0
77-47-4	Hexachlorocyclopentadiene	10.0	U	0.010	10.0
67-72-1	Hexachloroethane	10.0	U	0.010	10.0
193-39-5	Indeno(1,2,3-cd)pyrene	10.0	U	0.010	10.0
78-59-1	Isophorone	10.0	U	0.010	10.0
91-20-3	Naphthalene	10.0	U	0.010	10.0
100-01-6	4-Nitroaniline	25.0	U	0.010	25.0
98-95-3	Nitrobenzene	10.0	U	0.010	10.0
100-02-7	4-Nitrophenol	25.0	U	0.010	25.0
37-86-5	Pentachlorophenol	25.0	U	0.010	25.0
35-01-8	Phenanthrene	10.0	U	0.010	10.0
108-95-2	Phenol	10.0	U	0.010	10.0
129-00-0	Pyrene	10.0	U	0.010	10.0
321-64-7	N-Nitroso-di-n-propylamine	10.0	U	0.010	10.0

Lab Name	BCAL	Sample ID: SK-SW50-1016	e deservation of the state of t
Lab Code: LA	A024 Case No.:	Contract:	maken a nazi akan an ili ya iliya iliki ki ilikin ilikin ili
SAS No.:	SDG No.: 205121431	Lab File ID: 2060103/B7877	* ·
Matrix: Wate	r	Lab Sample ID: 20512143101	
Sample wt/vol:	1000 Units: mL	Date Collected: 12/12/05 Time:	1248
Level: (low/med	d) LOW	Date Received: 12/14/05	
% Moisture:	decanted: (Y/N)	Date Extracted: 12/15/05	
GC Column: {	DB-5MS-30M ID: .25 (mm)	Date Analyzed: 01/03/06 Time:	2045
Concentrated E	Extract Volume: 1000 (μL)	Dilution Factor: 1 Analys	t: JAR3
Injection Volum	ne: 1.0 (µL)	Prep Method: OLM4.2 SVOA	
	(Y/N) N pH:	Analytical Method: OLMO 4.2	
		Instrument ID: MSSV3	and the second
CONCENTRAI	TION UNITS: ug/L	Prep Batch: 309778 Analytical Batc	h: 311661
CAS NO.	COMPOUND	RESULT Q MDL	RL
86-30-6	N-Nitrosodiphenylamine	10.0 U 0.010	10.0
95-48-7	o-Cresol	10.0 U 0.010	10.0

1F SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL	Sample ID: SK-SW50-1016
Lab Code: LA024 Case No.:	Contract:
SAS No.: SDG No.: 205121431	Lab File ID: 2060103/B7877
Matrix: Water	Lab Sample ID: 20512143101
Sample wt/vol: Units:	Date Collected: 12/12/05 Time: 1248
Levei: (low/med)	Date Received: 12/14/05
% Moisture: not dec.	Date Extracted: 12 115/0 5
GC Column: DB-5MS-30M ID: .25 (mm)	Date Analyzed: 01/03/06 Time: 2045
Concentrated Extract Volume: 1000 (µL)	Dilution Factor: 1 Analyst: JAR3
Injection Volume: 1.0 (µL)	Prep Method: CLM 54.2
GPC Cleanup: (Y/N) N pH:	Analytical Method: SW-846 8270C
	Instrument ID: MSSV3
Number TICs Found: 4	
CONCENTRATION UNITS:ug/L	
CAS NO. COMPOUND	RT EST. CONC. Q
1. 541-02-6 Cyclopentasiloxane, decamethyl	2.036 49.8
2. Unknown	2.513 54.2
3. 0-00-0 (4H)1-Benzopyran-4-one, 3,5,6,	2.688 310
4 Unknown	3 106 71 4

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Lab Name:	GCAL	Sample ID: S	K-SWEB-1	016	
Lab Code: [LA024 Case No.:	Contract:			
SAS No.:	SDG No.: 205121431			8136	
Matrix: Wat	der	Lab Sample iD			
Sample wt/vo	l: 1000 Units: mL	Date Collected:	12/12/05	Time:	1539
Level: (low/mo	ed) LOW	Date Received:	12/14/05	5	
% Moisture:	decanted: (Y/N)	Date Extracted:	: 12/15/05	5	
	DB-5MS-30M ID: .25 (mm)			S Time:	2049
Concentrated	Extract Volume: 1000 (µL)			Analy	
Injection Volu	me: 1.0 (µL)	Prep Method:	OLM4.2 S	VOA	
	: (Y/N) N pH:			0 4.2	
	Market Control of the				
CONCENTRA	ATION UNITS: ug/L	Prep Batch: 3			
CAS NO.	COMPOUND	RESULT	Q	MDL	RL.
95-95-4	2,4,5-Trichlorophenol	10.0	U	0.010	10.0
88-06-2	2,4,6-Trichlorophenol	10.0	U	0.010	10.0
120-83-2	2,4-Dichlorophenol	10.0	U	0.010	10.0
51-28-5	2,4-Dinitrophenol	25.0	U	0.010	25.0
121-14-2	2,4-Dinitrotoluene	10.0	U	0.010	10.0
606-20-2	2,6-Dinitrotoluene	10.0	U	0.010	10.0
91-58-7	2-Chloronaphthalene	10.0	U	0.010 0.010	10.0
95-57-8 91-57-6	2-Chlorophenol 2-Methylnaphthalene	10.0	U	0.010	10.0 10.0
91-57-6 88-74-4	2-Nitroanifine	25.0	U	0.010	25.0
38-7: 1-4 38-7:5-5	2-Nitrophenol	10.0	U	0.010	10.0
91-94-1	3,3'-Dichlorobenzidine	10.0	- 0	0.010	10.0
99-09-2	3-Nitroaniline	25.0		0.010	25.0
534-52-1	2-Methyl-4,6-dinitrophenol	25.0	- u - l	0.010	25.0
i9-50-7	4-Chloro-3-methylphenol	10.0	- i - 	0.010	10.0
106-47-8	4-Chloroaniline	10.0	U	0.010	10.0
7005-72-3	4-Chlorophenyl-phenylether	10.0	U	0.010	10.0
06-44-5	4-Methylphenol (p-Cresol)	10.0	Ü	0.010	10.0
33-32-9	Acenaphthene	10.0	- U	0.010	10.0
08-96-8	Acenaphthylene	10.0	Ū	0.010	10.0
20-12-7	Anthracene	10.0	Ū	0.010	10.0
6-55-3	Benzo(a)anthracene	10.0	- 	0.010	10.0
0-32-8	Benzo(a)pyrene	10.0	u 	0.010	10.0
05-99-2	Benzo(b)fluoranthene	10.0	U	0.010	10.0
91-24-2	Benzo(g,h,i)perylene	10.0	U	0.010	10.0
07-08-9	Benzo(k)fluoranthene	10.0	U	0.010	10.0
11-91-1	Bis(2-Chloroethoxy)methane	10.0	U	0.010	10.0
11-44-4	Bis(2-Chloroethyl)ether	10.0	Ü	0.010	10.0
108-60-1	bis(2-Chloroisopropyl)ether	10.0	Ü	0.010	10.0

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78-59-1

91-2:0-3

100-01-6

98-95-3

100-02-7

87-86-5

85-01-8

108-95-2

129-00-0

621-64-7

Isophorone

Naphthalene

4-Nitroaniline

Nitrobenzene

4-Nitrophenol

Phenanthrene

Phenol

Pyrene

Pentachlorophenol

N-Nitroso-di-n-propylamine

Lab Name: G	CAL	Sample ID:	SK-SWEB-	1016		
Lab Code: LA	024 Case No.:	Contract:		- *************************************	·	
SAS No.:	SDG No.: 205121431	Lab File 1D:	2060107P/E	88136		
Matrix: Water		Lab Sample II				
	1000 Units; mL			5 Time	: 1539	
Level: (low/med	I) LOW					
	. The control of the second of			5		
% Moisture.	decanted: (Y/N)	Date Extracted	d: 12/15/0	5		
GC Column: [DB-5MS-30M ID: .25 (mm)	Date Analyzed	1: 01/07/0	5 Time	e: 2049	
	xtract Volume: 1000 (µL)	Dilution Factor	r: 1	Anal	yst: JAR3	
	e: 1.0 (µL)	Prep Method:	OLM4.2 S	SVOA		
	(Y/N) N pH:	Analytical Met	hod: OĻM	O 4.2		
		Instrument ID:	MSSV3			
CONCENTRAT	ION UNITS: ug/L	Prep Batch:			atch: 312113	*
CAS NO.	COMPOUND	RESULT	Q	MDL	RL	
117-81-7	bis(2-ethylhexyl)phthalate	10.02.24	1B	0.010	10.0] il
101-55-3	4-Bromophenyl-phenylether	10.0	U	0.010	10.0	7
85-68 - 7	Butylbenzylphthalate	10.0	U	0.010	10.0	7
86-74-8	Carbazole	10.0	U	0.010	10.0	1
218-01-9	Chrysene	10.0	U	0.010	10.0	7
84-74-2	Di-n-butylphthalate	10.0	U	0.010	10.0	1
117-84-0	Di-n-octylphthalate	10.0	U	0.010	10.0	1
53-70 - 3	Dibenz(a,h)anthracene	10.0	U	0.010	10.0	1
132-64-9	Dibenzofuran	10.0	U	0.010	10.0	1
84-66-2	Diethylphthalate	10.0	U	0.010	10.0	1
131-11-3	Dimethyl-phthalate	10.0	U	0.010	10.0	1
105-67-9	2,4-Dimethylphenol	10.0	Ü	0.010	10.0	1
206-44-0	Fluoranthene	10.0	U	0.010	10.0	1
86-73-7	Fluorene	10.0	U	0.010	10.0	1
118-74-1	Hexachlorobenzene	10.0	Ū	0.010	10.0	1
87-68-3	Hexachlorobutadiene	10.0	ΰ	0.010	10.0	1
77-47-4	Hexachlorocyclopentadiene	10.0	U	0.010	10.0	1
67-72-1	Hexachloroethane	10.0	U	0.010	10.0	1
193-3 9- 5	Indeno(1,2,3-cd)pyrene	10.0	U	0.010	10.0	1

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Lab Name:	GCAL	Sample ID: SK-SWEB-1016			
Lab Code: J	A024 Case No.:	Contract:			
SAS No.:	SDG No.: 205121431	Lab File ID: 2060107P/B8136			
Matrix: Wat	er	Lab Sample ID: 20512143105			
Sample wt/vo	l: 1000 Units: mL	Date Collected: 12/12/05 Time: 1539			
Level: (low/m	ed) LOW	Date Received: 12/14/05			
% Moisture:	decanted: (Y/N)	Date Extracted: 12/15/05			
GC Column:	DB-5MS-30M ID: .25 (mm)	Date Analyzed: 01/07/06 Time: 2049			
Concentrated	Extract Volume: 1000 (μL)	Dilution Factor: 1 Analyst: JAR3			
Injection Volume: 1.0 (µL)		Prep Method: OLM4.2 SVOA			
GPC Cleanup	: (Y/N) N pH:	Analytical Method: OLMO 4.2			
		Instrument ID: MSSV3			
CONCENTRA	TION UNITS: ug/L	Prep Batch: 309778 Analytical Batch: 312113			
CAS NO.	COMPOUND	RESULT Q MDL RL			
86-30-6	N-Nitrosodiphenylamine	10.0 U 0.010 10.0			
95-48-7	o-Cresol	10.0 U 0.010 10.0			

1F SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: C	GCAL	Sample ID: SK-SWEB-1016
Lab Code: L	A024 Case No.:	Contract:
SAS No.:	SDG No.: 205121431	Lab File ID: 2060107P/B8136
Matrix: Wate	r	Lab Sample ID: 20512143105
	· Units:	Date Collected: 12/12/05 Time: 1539
	d)	Date Received: 12/14/05
	ot dec.	Date Extracted: 12/15/05
	DB-5MS-30M ID: .25 (mm)	Date Analyzed: 01/07/06 Time: 2049
	Extract Volume: 1000 (µL)	Dilution Factor: 1 Analyst: JAR3
	ne: 1.0 (µL)	Prep Method: DLM CA. 2
	(Y/N) N pH:	Analytical Method: SW-846 8270C
		Instrument ID: MSSV3
Number TI	Cs Found: 3	The second of the second secon
CONCENT	RATION UNITS:ug/L	
CAS NO	. COMPOUND	RT EST. CONC. Q
1. 112-39-0	Hexadecanoic acid, methyl este	4.394 2.32
2. 128-37-0	Butylated Hydroxytoluene	4.624 1.27
3. 112-61-8	Octadecanoic acid, methyl este	4.88 1.94

3/7/26

Lab Name:	GCAL	Sample ID:	SK-SW51-	1016	
Lab Code: 1	_A024 Case No.:	Contract:		remarks and a second second second	
SAS No.:	SDG No.: 205121431	Lab File ID:			
	er	Lab Sample I			
	l: 1000 Units: mL			05 Time	
Level: (low/me	ed) LOW	Date Receive	d: 12/14/0	05	**** ** ** ** ** ** ** ** ** ** ** ** *
	decanted: (Y/N)	Date Extracte	d: 12/15/0)5	
	DB-5MS-30M ID: .25 (mm)	Date Analyze	d: 01/03/0	06 Time	e: 2145
Concentrated	Extract Volume: 1000 (µL)			Anal	yst: JAR3
Injection Volum	me: 1.0 (µL)	Prep Method:	OLM4.2	SVOA	
	: (Y/N) N pH:	Analytical Met	thod: OLN	10 4.2	
or o oleanup	Allow his	Instrument ID			
CCNCENTRA	TION UNITS: ug/L				
		Prep Batch:	309778	Analytical Ba	atch: 311661
CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10.0	U	0.010	10.0
88-06-2	2,4,6-Trichlorophenol	10.0	U	0.010	10.0
120-83-2	2,4-Dichlorophenol	10.0	U	0.010	10.0
51-28-5	2,4-Dinitrophenol	25.0	U	0.010	25.0
121-14-2	2,4-Dinitrotoluene	10.0	U	0.010	10.0
606-20-2	2,6-Dinitrotoluene	10.0	Ü	0.010	10.0
91-58-7	2-Chloronaphthalene	10.0	U	0.010	10.0
95-57-8	2-Chlorophenol	10.0	U	0.010	10.0
91-57-6	2-Methylnaphthalene	10.0	U	0.010	10.0
88-74-4	2-Nitroaniline	25.0	U	0.010	25.0
38-75-5	2-Nitrophenol	10.0	U	0.010	10.0
91-94-1	3,3'-Dichlorobenzidine	10.0	U	0.010	10.0
9-09-2	3-Nitroaniline	25.0	U	0.010	25.0
34-52-1	2-Methyl-4,6-dinitrophenol	25.0	U	0.010	25.0
9-50-7	4-Chloro-3-methylphenol	10.0	U	0.010	10.0
0€-47-8	4-Chloroaniline	10.0	U	0.010	10.0
005-72-3	4-Chlorophenyl-phenylether	10.0	U	0.010	10.0
10€-44-5	4-Methylphenol (p-Cresol)	10.0	U	0.010	10.0
3-32-9	Acenaphthene	10.0	U	0.010	10.0
06-96-8	Acenaphthylene	10.0	U	0.010	10.0
20-12-7	Anthracene	10.0	U	0.010	10.0
6-55-3	Benzo(a)anthracene	10.0	Ü	0.010	10.0
0-32-8	Benzo(a)pyrene	10.0	U	0.010	10.0
05-99-2	Benzo(b)fluoranthene	10.0	U	0.010	10.0
91-24-2	Benzo(g,h,i)perylene	10.0	U	0.010	10.0
207-08-9	Benzo(k)fluoranthene	10.0	U	0.010	10.0
11-91-1	Bis(2-Chloroethoxy)methane	10.0	Ú	0.010	10.0
11-44-4	Bis(2-Chloroethyl)ether	10,0	U	0.010	10.0
108-60-1	bis(2-Chloroisopropyl)ether	10.0	U	0.010	10.0

Lab Name: GCAL	and a state space of the beautiful the latter.	Sample ID: SK-SW51-1016	en anner de l'autres de l'anner dans de l'anner de l'anner de l'anner de l'anner de l'anner de l'anner de l'an
Lab Code: LA024 Case No.:	and the second second second second second	Contract:	
SAS No.: SDG No.:	205121431	Lab File ID: 2060103/B7881	
Matrix: Water	Commence and the second commence of	Lab Sample ID: 20512143106	
Sample wt/vol: 1000 Units: mL		Date Collected: 12/12/05	Time: 1410
Level: (low/med) LOW		Date Received: 12/14/05	
% Moisture: decanted: (Y/N)		Date Extracted: 12/15/05	
GC Column: DB-5MS-30M ID: .29	5 (mm)	Date Analyzed: 01/03/06	Time: 2145
Concentrated Extract Volume: 1000	(µL)	Dilution Factor: 1	Analyst: JAR3
Injection Volume: 1.0	(µL)	Prep Method: OLM4.2 SVOA	
GPC Cleanup: (Y/N) N pH:		Analytical Method: OLMO 4.2	
		Instrument ID: MSSV3	

Prep Batch: 309778 Analytical Batch: 311661

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	RL
117-81-7	bis(2-ethylhexyl)phthalate	10,01.44	JB	0.010	10.0
101-55-3	4-Bromophenyl-phenylether	10.0	U	0.010	10.0
85-68-7	Butylbenzylphthalate	10.0	U	0.010	10.0
86-74-8	Carbazole	10.0	U	0.010	10.0
218-01-9	Chrysene	10.0	U	0.010	10.0
84-74-2	Di-n-butylphthalate	10.0	U	0.010	10.0
117-84-0	Di-n-octylphthalate	10.0	U	0.010	10.0
53-70-3	Dibenz(a,h)anthracene	10.0	U	0.010	10.0
132-64-9	Dibenzofuran	10.0	U	0.010	10.0
84-96-2	Diethylphthalate	10.0	U	0.010	10.0
131-11-3	Dimethyl-phthalate	10.0	Ų	0.010	10.0
105-67-9	2,4-Dimethylphenol	10.0	U	0.010	10.0
206-44-0	Fluoranthene	10.0	U	0.010	10.0
86-73-7	Fluorene	10.0	U	0.010	10.0
118-74-1	Hexachlorobenzene	10.0	U	0.010	10.0
87-68-3	Hexachlorobutadiene	10.0	U	0.010	10.0
77-47-4	Hexachlorocyclopentadiene	10.0	Ü	0.010	10.0
67-72-1	Hexachloroethane	10.0	Ç	0.010	10.0
193-39-5	Indeno(1,2,3-cd)pyrene	10.0	U	0.010	10.0
78-59 - 1	Isophorone	10.0	U	0.010	10.0
91-20-3	Naphthalene	10.0	U	0.010	10.0
100-01-6	4-Nitroaniline	25.0	U	0.010	25.0
98-95-3	Nitrobenzene	10.0	U	0.010	10.0
100-02-7	4-Nitrophenol	25.0	U	0.010	25.0
37-86-5	Pentachlorophenol	25.0	U	0.010	25.0
35-01-8	Phenanthrene	10.0	U	0.010	10.0
108-95-2	Phenol	10.0	Ü	0.010	10.0
129-00-0	Pyrene	10.0	U	0.010	10.0
521-64-7	N-Nitroso-di-n-propylamine	10.0	U	0.010	10.0

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Lab Name	GCAL	Sample ID: SK	-SW51-10	16	and the second of the second o
Lab Code: L	_A024	Contract:		mark a live of the	
SAS No.:	SDG No.: 205121431	Lab File ID: 206	60103/B78	<u>8</u> 1	
Matrix: Wate	er	Lab Sample ID:	20512143	3106	
	i: 1000 Units: mL	Date Collected:	12/12/05	Time	1410
Level: (low/me	ed) LOW	Date Received:	12/14/05		
% Moisture:	decanted: (Y/N)	Date Extracted:	12/15/05		e kannonski i sama ar kajakon kenasti i k
GC Column:	DB-5MS-30M ID: .25 (mm)	Date Analyzed:	01/03/06	Time	e: 2145
Concentrated	Extract Volume: 1000 (μL)	Dilution Factor:	1	Anal	yst: JAR3
Injection Volur	me: 1.0 (μL)	Prep Method: C	DLM4.2 SV	OA	and annual region of the con-
GPC Cleanup:	: (Y/N) N pH:	Analytical Method	I: OLMO	4.2	
		Instrument ID: MSSV3			
CONCENTRATION UNITS: ug/L		Prep Batch: 309			
CAS NO.	COMPOUND	RESULT	Q	MDL.	RL
86-30-6	N-Nitrosodiphenylamine	10.0	U	0.010	10.0
95-48-7	o-Cresol	10.0	U	0.010	10.0

1F SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL	Sample ID: SK-SW51-1016
Lab Code: LA024 Case No.:	Contract:
SAS No.: SDG No.: 205121431	Lab File ID: 2060103/B7881
Matrix: Water	Lab Sample ID: 20512143106
Sample wt/vol: Units:	Date Collected: 12/12/05 Time: 1410
Level: (low/med)	Date Received: 12/14/05
% Moisture: not dec.	Date Extracted: 12 15105
GC Column: DB-5MS-30M ID: .25 (mm)	Date Analyzed: 01/03/06 Time: 2145
Concentrated Extract Volume: 1000 (µL)	Dilution Factor: 1 Analyst: JAR3
Injection Volume: 1.0 (µL)	Prep Method: CLM 04.2
GPC Cleanup: (Y/N) N pH:	Analytical Method: SW-846 8270C Instrument ID: MSSV3
Number TICs Found: 1 CONCENTRATION UNITS:ug/L	
CAS NO. COMPOUND	RT EST. CONC. Q
1. Unknown	3.228 .862

317101

Lab Name: G	CAL	Sample ID: SK-SW51FD-1016				
	A024 Case No.:	Contract:				
	SDG No.: 205121431			7882		
Matrix: Water		Lab Sample II				
Sample wt/vol:	1000 Units: mL	Date Collected: 12/12/05 Time: 1424				
	J) LOW	Date Receive		• • • •	•	
	decanted: (Y/N)	Date Extracte	d: 12/15/0	05		
	DB-5MS-30M ID: .25 (mm)	Date Analyzed			a: 2201	
	xtract Volume: 1000 (μL)	Dilution Facto	r: 1	Anal	yst: JAR3	
	e: 1.0 (μL)	Prep Method:	OLM4.2	SVOA		
GPC Cleanup: (Y/N) N pH:		Analytical Met	hod: OLM	10 4.2		
	Service of the Servic	Instrument ID:	MSSV3			
CONCENTRATION UNITS: ug/L				Analytical Ba		
CAS NO.	COMPOUND	RESULT		MDL	RL	
95-95-4	2,4,5-Trichlorophenol	10.0	U	0.010	10.0	
88-06-2	2,4,6-Trichlorophenol	10.0	U	0.010	10.0	
120-83-2	2,4-Dichlorophenol	10.0	U	0.010	10.0	
51-28-5	2,4-Dinitrophenol	25.0	Ū	0.010	25.0	
121-14-2	2,4-Dinitrotoluene	10.0	U	0.010	10.0	
606-20-2	2,6-Dinitrotoluene	10.0	Ū	0.010	10.0	
91-58-7	2-Chloronaphthalene	10.0	U	0.010	10.0	
95-57-8	2-Chlorophenol	10.0	Ü	0.010	10.0	
91-57-6	2-Methylnaphthalene	10.0	Ū	0.010	10.0	
88-74-4	2-Nitroaniline	25.0	Ü	0.010	25.0	
88-75-5	2-Nitrophenol	10.0	U	0.010	10.0	
91-94-1	3,3'-Dichlorobenzidine	10.0	U	0.010	10.0	
99-()9-2	3-Nitroaniline	25.0	U	0.010	25.0	
534-52-1	2-Methyl-4,6-dinitrophenol	25.0	U	0.010	25.0	
59-50-7	4-Chloro-3-methylphenol	0.534	J	0.010	10.0	
106-47-8	4-Chloroaniline	10.0	U	0.010	10.0	
7005-72-3	4-Chlorophenyl-phenylether	10.0	Ü	0.010	10.0	
106-44-5	4-Methylphenol (p-Cresol)	10.0	U	0.010	10.0	
83-32-9	Acenaphthene	10.0	U	0.010	10.0	
208-96-8	Acenaphthylene	10.0	U	0.010	10.0	
120-12-7	Anthracene	10.0	U	0.010	10.0	
56-55-3	Benzo(a)anthracene	10.0	U	0.010	10.0	
50-32-8	Benzo(a)pyrene	10.0	U	0.010	10.0	
205-99-2	Benzo(b)fluoranthene	10.0	Ü	0.010	10.0	
191-24-2	Benzo(g,h,i)perylene	10.0	U	0.010	10.0	
207-08-9	Benzo(k)fluoranthene	10.0	U	0.010	10.0	
111-91-1	Bis(2-Chloroethoxy)methane	10.0	U	0.010	10.0	
111-44-4	Bis(2-Chloroethyl)ether	10.0	U	0.010	10.0	
108-60-1	bis(2-Chloroisopropyl)ether	10.0	U	0.010	10.0	

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Lab Name: GCAL Sample ID: SK-SW51FD-1016 Case No.: Lab Code: LA024 Contract: SAS No.: SDG No.: 205121431 Lab File ID: 2060103/B7882 Matrix: Water Lab Sample ID: 20512143107 Units: mL Time: 1424 Date Collected: 12/12/05 Sample wt/vol: 1000 Level: (low/med) LOW Date Received: 12/14/05 % Moisture: decanted: (Y/N) Date Extracted: 12/15/05 Date Analyzed: 01/03/06 Time: 2201 GC Column: DB-5MS-30M ID: .25 (mm) Dilution Factor: 1 Analyst: JAR3 Concentrated Extract Volume: 1000 (µL) Prep Method: OLM4.2 SVOA Injection Volume: 1.0 (μ L) Analytical Method: OLMO 4.2 GPC Cleanup: (Y/N) N pH: Instrument ID: MSSV3 CONCENTRATION UNITS: ug/L Prep Batch: 309778 Analytical Batch: 311661 CAS NO. COMPOUND RESULT MDL Q RL 117-81-7 bis(2-ethylhexyl)phthalate 10.03.25 JB 0.010 10.0 ોરડ 101-55-3 4-Bromophenyl-phenylether 10.0 U 0.010 10.0 85-68-7 Butylbenzylphthalate 10.0 Ū 0.010 10.0 86-74-8 Carbazole 10.0 Ū 0.010 10.0 218-01-9 Ū 0.010 10.0 Chrysene 10.0 84-74-2 Di-n-butylphthalate 10.0 Ū 0.010 10.0 10.0 0.010 10.0 117-84-0 Di-n-octylphthalate Ū 53-70-3 Dibenz(a,h)anthracene 10.0 Ū 0.010 10.0 132-64-9 Dibenzofuran 10.0 Ü 0.010 10.0 84-66-2 10.0 0.010 10.0 Diethylphthalate U 131-11-3 Dimethyl-phthalate 10.0 Ū 0.010 10.0 105-67-9 10.0 Ū 0.010 10.0 2,4-Dimethylphenol 206-44-0 Fluoranthene 10.0 Ú 0.010 10.0 86-73-7 Fluorene 10.0 Ū 0.010 10.0 118-74-1 Hexachlorobenzene 10.0 Ū 0.010 10.0 10.0 10.0 87-68-3 Hexachlorobutadiene Ù 0.010 77-47-4 10.0 Ū 0.010 10.0 Hexachlorocyclopentadiene 67-72-1 Hexachloroethane 10.0 Ū 0.010 10.0 193-39-5 Indeno(1,2,3-cd)pyrene 10.0 Ū 0.010 10.0 78-59-1 10.0 Isophorone 10.0 U 0.010 10.0 91-20-3 10.0 0.010 Naphthalene U 25.0 100-01-6 4-Nitroaniline 25.0 Ū 0.010 98-95-3 Nitrobenzene 10.0 Ū 0.010 10.0 100-02-7 25.0 Ū 0.010 25.0 4-Nitrophenol 37-86-5 Pentachlorophenol 25.0 Ü 0.010 25.0 85-01-8 10.0 Ū 0.010 10.0 Phenanthrene 108-95-2 Phenol 10.0 Ū 0.010 10.0 129-00-0 10,0 υ 0.010 10.0 Pyrene N-Nitroso-di-n-propylamine 10.0 621-64-7 10.0 0.010

Lab Name: GCAL	Sample ID: SK-SW51FD-1016
Lab Code: LA024 Case No.:	Contract:
SAS No.: SDG No.: 205121431	Lab File ID: 2060103/B7882
Matrix: Water	Lab Sample ID: 20512143107
Sample wt/vol: 1000 Units: mL	Date Collected: 12/12/05 Time: 1424
Level: (low/med) LOW	Date Received: 12/14/05
% Moisture: decanted: (Y/N)	
GC Column: DB-5MS-30M ID: .25 (mm)	Date Analyzed: 01/03/06 Time: 2201
Concentrated Extract Volume: 1000 (µL	Dilution Factor: 1 Analyst: JAR3
Injection Volume: 1.0 (µL)	Prep Method: OLM4.2 SVOA
GPC Cleanup: (Y/N) N pH:	Analytical Method: OLMO 4.2
	Instrument ID: MSSV3
CONCENTRATION UNITS: ug/L	Prep Batch: 309778 Analytical Batch: 311661
CAS NO. COMPOUND	RESULT Q MDL RL
86-30-6 N-Nitrosodiphenylamine	10.0 U 0.010 10.0
95-48-7 o-Cresol	10.0 U 0.010 10.0

1F SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL	Sample ID: SK-SW51FD-1016
Lab Code: LA024 Case No.:	
SAS No.: SDG No.: 205121431	Lab File ID: 2060103/B7882
Matrix: Water	Lab Sample ID: 20512143107
Sample wt/vol: Units:	
Level: (low/med)	Date Received: 12/14/05
% Moisture: not dec.	Date Extracted: 121.5(55
GC Column: DB-5MS-30M ID: .25 (mm)	Date Analyzed, 01/03/06 Time, 2201
Concentrated Extract Volume: 1000 (μL)	Dilution Factor: 1 Analyst: JAR3
Injection Volume: 1.0 (µL)	5 mm - 6 mm - 6 mm
GPC Cleanup: (Y/N) N pH:	Analytical Method: SW-846 8270C Instrument ID: MSSV3
Number TICs Found: 2	
CONCENTRATION UNITS:ug/L	
CAS NO. COMPOUND	RT EST. CONC. Q
1. 19901-36-1 2-Oxazolidinone, 5-methyl-4-ph	3.54 7.4
2. 91-21-4 Isoquinoline, 1,2,3,4-tetrahyd	3.69 8.78

3/1/06

Lab Name:	GCAL	Sample ID:	SK-SW52-	1016		
	A024 Case No.:	Sample ID: SK-SW52-1016 Contract:				
SAS No.:	SDG No.: 205121431					
Matrix: Wate			D: 205121	143108		
'		Lab Sample ID: 20512143108				
Sample wt/vol: 1000 Units: mL		Date Collecte	ed: 12/12/0)5 Time	: 1448	
Level: (low/me	ed) LOW	Date Receive	ed: 12/14/0	05		
% Moisture:	decanted: (Y/N)	Date Extracte	ed: 12/15/0	05		
GC Column:	DB-5MS-30M ID: .25 (mm)			06 Time		
	Extract Volume: 1000 (µL)			Ana		
	me: 1.0 (µL)					
GPC Clearup:	: (Y/N) N. pH:			1O 4.2		
		Instrument ID	: MSSV3	The safet manner of annual courses and annual courses of the safety of the	- C - SALWER SERVE - SERVER -	
CONCENTRA	TION UNITS: ug/L			Analytical B		
CAS NO.	COMPOUND	RESULT		MDL	RL	
95-95-4	2,4,5-Trichlorophenol	10.0	U	0.010	10.0	
88-06-2	2,4,6-Trichlorophenol	10.0	U	0.010	10.0	
120-83-2	2,4-Dichlorophenol	10.0	U	0.010	10.0	
51-28-5	2,4-Dinitrophenol	25.0	U	0.010	25.0	
121-14-2	2,4-Dinitrotoluene	10.0	U	0.010	10.0	
606-20-2	2,6-Dinitrotoluene	10.0	U	0.010	10.0	
91-58-7	2-Chloronaphthalene	10.0	U	0.010	10.0	
95-57-8	2-Chlorophenol	10.0	U	0.010	10.0	
91-57-6	2-Methylnaphthalene	10.0	U	0.010	10.0	
88-74-4	2-Nitroaniline	25.0	U	0.010	25.0	
88-75-5	2-Nitrophenol	10.0	U	0.010	10.0	
91-34-1	3,3'-Dichlorobenzidine	10.0	U	0.010	10.0	
99-39-2	3-Nitroaniline	25.0	U	0.010	25.0	
534-52-1	2-Methyl-4,6-dinitrophenol	25.0	U	0.010	25.0	
59-50-7	4-Chloro-3-methylphenol	10.0	U	0.010	10.0	
106-47-8	4-Chloroaniline	10.0	U	0.010	10.0	
7005-72-3	4-Chlorophenyl-phenylether	10.0	U	0.010	10.0	
106-44-5	4-Methylphenol (p-Cresol)	10.0	U	0.010	10.0	
83-32-9	Acenaphthene	10.0	U	0.010	10.0	
208-96-8	Acenaphthylene	10.0	U	0.010	10.0	
120-12-7	Anthracene	10.0	U	0.010	10.0	
56-55-3	Benzo(a)anthracene	10.0	U	0.010	10.0	
50-32-8	Benzo(a)pyrene	10.0	U	0.010	10.0	
205-99-2	Benzo(b)fluoranthene	10.0	U	0.010	10.0	
191-24-2	Benzo(g,h,i)perylene	10.0	U	0.010	10.0	
207-08-9	Benzo(k)fluoranthene	10.0	U	0.010	10.0	
111-91-1	Bis(2-Chloroethoxy)methane	10.0	U	0.010	10.0	
111-44-4	Bis(2-Chloroethyl)ether	10.0	U	0.010	10.0	
108-60-1	his/2-Chloroisonronyl)ether	10.0	11	0.010	10.0	

Lab Name: G	CAL	Sample ID:	SK-SW52-1	016		
Lab Code: LA	024 Case No.:					
	SDG No.: 205121431			38138		
Matrix: Water	Commission of the commission o	Lab Sample				
	1000 Units: mL			5 Time:	1448	
) LOW					
	Level: (low/med) LOW Date Received: 12/14/05 % Moisture: decanted: (Y/N) Date Extracted: 12/15/05					
	PB-5MS-30M ID: .25 (mm)	D / A 0.107/04 #1 0.107				
	, , , , , , , , , , , , , , , , , , ,			Anal		
	xtract Volume: 1000 (μL)					
Injection Volume	e: 1.0 (μL)			SVOA	•	
GPC Clearup: (Y/N) N pH:	Analytical Met				
CONCENTRATI	ON UNITS: ug/L	Instrument ID:	: MSSV3	e and the second decision of the second		
CONCLIVINATI	ON ONITS. Ug/L	Prep Batch:	309778	Analytical Ba	itch: 312113	
CAS NO.	COMPOUND	RESULT	Q	MDL	RL	
117-81-7	bis(2-ethylhexyl)phthalate	10.0148	JB	0.010	10.0] [[
101-55-3	4-Bromophenyl-phenylether	10.0	U	0.010	10.0	
85-68-7	Butylbenzylphthalate	10.0	U	0.010	10.0]
86-74-8	Carbazole	10.0	U	0.010	10.0	_
218-01-9	Chrysene	10.0	[U	0.010	10.0	_
84-74-2	Di-n-butylphthalate	10.0	U	0.010	10.0	j
117-84-0	Di-n-octylphthalate	10.0	U	0.010	10.0	
53-70-3	Dibenz(a,h)anthracene	10.0	U	0.010	10.0	4
132-64-9	Dibenzofuran	10.0	U	0.010	10.0]
84-66-2	Diethylphthalate	10.0	U	0.010	10.0	
131-11-3	Dimethyl-phthalate	10.0	U	0.010	10.0	1
105-67-9	2,4-Dimethylphenol	10.0	U	0.010	10.0	
206-44-0	Fluoranthene	10.0	U	0.010	10.0	1
86-73-7	Fluorene	10.0	U	0.010	10.0	{
118-74-1	Hexachlorobenzene	10.0	U	0.010	10.0	1
87-58-3	Hexachlorobutadiene	10.0	U	0.010	10.0	
77-47-4	Hexachlorocyclopentadiene	10.0	Ü	0.010	10.0	ł
67-72-1	Hexachioroethane	10.0	U	0.010	10.0	
193-39-5	Indeno(1,2,3-cd)pyrene	10.0	U	0.010	10.0	1
78-59-1	Isophorone	10.0	U	0.010	10.0	1
91-20-3	Naphthalene	10.0	U	0.010	10.0	
100-01-6	4-Nitroaniline	25.0	U	0.010	25.0	
98-95-3	Nitrobenzene	10.0	U	0.010	10.0	i
100-02-7	4-Nitrophenol	25.0	U	0.010	25.0	
37-36-5	Pentachlorophenol	25.0	U	0.010	25.0	
35-01-8	Phenanthrene	10.0	U	0.010	10.0	
108-95-2	Phenol	10.0	U	0.010	10.0	

10.0

10.0

0.010

621-64-7

N-Nitroso-di-n-propylamine

Lab Name: G	GCAL	Sample ID:	SK-SW52-1	016		
Lab Code: LA	A024 Case No.:	Contract:	and the state of t	engan and and or a complete space of a space of the space of the	Makes of the contract of the	
SAS No.:	SDG No.: 205121431	Lab File ID:	2060107P/B	8138		
Matrix: Water	r	Lab Sample IC	D: 2051214	43108		
Sample wt/vol:	1000 Units: mL	Date Collected	d: 12/12/0	5 Time	1448	
Level: (low/med	d) LOW	Date Received	d: 12/14/05	5		
% Moisture:	decanted: (Y/N)	Date Extracted	d: 12/15/0	5	tala mengana nemberana ne	
GC Column: [DB-5MS-30M ID: .25 (mm)	Date Analyzed: 01/07/06 Time: 2120				
Concentrated Extract Volume: 1000 (µL)		Dilution Factor: 1 Analyst: JAR3				
	e: 1.0 (μL)	Prep Method:	Prep Method: OLM4.2 SVOA			
GPC Cleanup: ((Y/N) N pH:	Analytical Method: OLMO 4.2				
		Instrument ID:	MSSV3	and when a control the control and a control	and the strong grade grade and a superior of the strong at	
CONCENTRATION UNITS: ug/L		Prep Batch:	309778	Analytical Ba	ntch: 312113	
CAS NO.	COMPOUND	RESULT	Q	MDL	RL	
86-30-6	N-Nitrosodiphenylamine	10.0	U	0.010	10.0	
95-48-7	o-Cresol	10.0	U	0.010	10.0	

1F SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL	Sample ID: SK-SW52-1016
Lab Code: LA024 Case No.:	Contract:
SAS No.: SDG No.: 205121431	Lab File ID: 2060107P/B8138
Matrix: Water	Lab Sample ID: 20512143108
Sample wt/vol: Units:	Date Collected: 12/12/05 Time: 1448
Level: (low/med)	Date Received: 12/14/05
% Moisture not dec.	Date Extracted: 12 15/05
GC Column: DB-5MS-30M ID: .25 (mm)	Date Analyzed: 01/07/06 Time 2120
Concentrated Extract Volume: 1000 (µL)	Dilution Factor: 1 Analyst: JAR3
Injection Volume: 1.0 (µL)	Prep Method: (IMS4.2
GPC Cleanup: (Y/N) N pH:	Analytical Method: SW-846 8270C Instrument ID: MSSV3
Number TICs Found: 1	
CONCENTRATION UNITS:ug/L	
CAS NO. COMPOUND	RT EST. CONC. Q
1. 0-00-0 3,3',5,5'-Tetramethyl-2,2'-bif	2.734 .741

3/3/21

Lab Name:	GCAL	Sample ID:	SK-SW50-	1016 (RE)	
Lab Code: L	_A024 Case No.:	Contract:			
	SDG No.: 205121431				
	er	Lab Sample I	D: 205121	43124	
	l: 1000 Units: mL			5 Time:	1248
Level: (low/me	ed) LOW	Date Receive	d: 12/14/0	15	
% Moisture:	decanted: (Y/N)	Date Extracte	d: 01/05/0	6	e a sasson same e de sum a com a como e se s
GC Column:	DB-5MS-30M ID: .25 (mm)	Date Analyze	d: 01/12/0		e: 0936
	Extract Volume: 1000 (µL)	Dilution Facto	or: 1	Analy	yst: JAR3
		Prep Method:			The sussessment of the sussessme
injection Volur	me: 1.0 (µL)				14.40
GPC Cleanup:	: (Y/N) N pH:	Analytical Me		• •	
		Instrument ID	: MSSV3		
CONCENTRA	ATION UNITS: ug/L			Analytical Ba	
CAS NO.	COMPOUND	RESULT	Q	MDL	RL
95-95-4	2,4,5-Trichlorophenol	10.0	Ü	0.010	10.0
88-06-2	2,4,6-Trichlorophenol	10.0	U	0.010	10.0
120-83-2	2,4-Dichlorophenol	10.0	U	0.010	10.0
51-28-5	2,4-Dinitrophenol	25.0	U	0.010	25.0
121-14-2	2,4-Dinitrotoluene	10.0	U	0.010	10.0
606-20-2	2,6-Dinitrotoluene	10.0	U	0.010	10.0
91-58-7	2-Chloronaphthalene	10.0	U	0.010	10.0
95-57-8	2-Chlorophenol	10.0	U	0.010	10.0
91-57-6	2-Methylnaphthalene	10.0	U	0.010	10.0
88-74-4	2-Nitroaniline	25.0	U	0.010	25.0
88-75-5	2-Nitrophenol	10.0	U	0.010	10.0
91-94-1	3,3'-Dichlorobenzidine	10.0	U	0.010	10.0
99-09-2	3-Nitroaniline	25.0	υ	0.010	25.0
534-52-1	2-Methyl-4,6-dinitrophenol	25.0	U	0.010	25.0
59-50-7	4-Chloro-3-methylphenol	10.0	Ų	0.010	10.0
106-47-8	4-Chloroaniline	10.0	U	0.010	10.0
7005-72-3	4-Chlorophenyl-phenylether	10.0	U	0.010	10.0
106-44-5	4-Methylphenol (p-Cresol)	10.0	U	0.010	10.0
83-32-9	Acenaphthene	10.0	U	0.010	10.0
208-96-8	Acenaphthylene	10.0	U	0.010	10.0
120-12-7	Anthracene	10.0	U	0.010	10.0
56-55-3	Benzo(a)anthracene	10.0	U	0.010	10.0
50-32-8	Benzo(a)pyrene	10.0	U	0.010	10.0
205-99-2	Benzo(b)fluoranthene	10.0	U	0.010	10.0
191-24-2	Benzo(g,h,i)perylene	10.0	U	0.010	10.0
207-08-9	Benzo(k)fluoranthene	10.0	U	0.010	10.0
111-91-1	Bis(2-Chloroethoxy)methane	10.0	Ú	0.010	10.0
111-44-4	Bis(2-Chloroethyl)ether	10.0	J	0.010	10.0
108-60-1	bis(2-Chloroisopropyl)ether	10.0	U	0.010	10.0

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: G	CAL	Sample ID: SK-SW50-1016 (RE)				
	024 Case No.:					
SAS No.:						
Matrix: Water		Lab Sample II				
Sample wt/vol:	1000 Units: mL	Date Collected	d: 12/12/0	5 Time	: 1248	
Level: (low/med		Date Received	i: 12/14/0	5		
% Moisture:	decanted: (Y/N)	Date Extracted	d: 01/05/0	6		
GC Column: D	PB-5MS-30M ID: .25 (mm)	Date Analyzed	l: 01/12/0	5 Time	e: 0936	
Concentrated Ex	xtract Volume: 1000 (μL)	Dilution Factor	: 1	Anal	yst: JAR3	** -
	e: 1.0 (μL)	Prep Method:	OLM4.2 S	SVOA		
	Y/N) N pH:	Analytical Met	nod: OLM	O 4.2		
		Instrument ID:	MSSV3	and the second of the second o		
CONCENTRATI	ION UNITS: ug/L	Prep Batch:	314294	Analytical Ba	atch: 312437	
CAS NO.	COMPOUND	RESULT	Q	MDL	RL	
117-81-7	bis(2-ethylhexyl)phthalate	10.0212	JB	0.010	10.0	$\Box u$
101-55-3	4-Bromophenyl-phenylether	10.0	U	0.010	10.0	\neg i
85-68-7	Butylbenzylphthalate	10.0	U	0.010	10.0	\neg
86-74-8	Carbazole	10.0	U	0.010	10.0	\neg
213-01-9	Chrysene	10.0	U	0.010	10.0	$\neg \mid \mid$
84-74-2	Di-n-butylphthalate	10.0	U	0.010	10.0	$\neg \mid \mid$
117-84-0	Di-n-octylphthalate	10.0	U	0.010	10.0	\dashv \mid
53-70-3	Dibenz(a,h)anthracene	10.0	U	0.010	10.0	7 1
132-64-9	Dibenzofuran	10.0	U	0.010	10.0	$\neg \mid$
84-66-2	Diethylphthalate	10.0	U	0.010	10.0	7 1
131-11-3	Dimethyl-phthalate	10.0	U	0.010	10.0	7
105-67-9	2,4-Dimethylphenol	10.0	Ü	0.010	10.0	7]
205-44-0	Fluoranthene	10.0	IJ	0.010	10.0	7
86-73-7	Fluorene	10.0	U	0.010	10.0	$\exists 1$
118-74-1	Hexachlorobenzene	10.0	U	0.010	10.0	\neg \mid
87-68-3	Hexachlorobutadiene	10.0	U	0.010	10.0	7
77-47-4	Hexachlorocyclopentadiene	10.0	U	0.010	10.0	7 1
67-72-1	Hexachloroethane	10.0	U	0.010	10.0	7 }
193-39-5	Indeno(1,2,3-cd)pyrene	10.0	U	0.010	10.0	7
78-59-1	Isophorone	10.0	U	0.010	10.0	7 1
91-20-3	Naphthalene	10.0	U	0.010	10.0	7 1
103-01-6	4-Nitroaniline	25.0	U	0.010	25.0	7 !
98-95-3	Nitrobenzene	10.0	U	0.010	10.0	7 1
100-02-7	4-Nitrophenol	25.0	U	0.010	25.0	7 1
87-86-5	Pentachlorophenol	25.0	U	0.010	25.0	7 1
85-01-8	Phenanthrene	10.0	U	0.010	10.0	7 1
108-95-2	Phenol	10.0	U	0.010	10.0	7 1
129-00-0	Pyrene	10.0	U	0.010	10.0	7
621-64-7	N-Nitroso-di-n-propylamine	10.0	U	0.010	10,0	コ :

" " TEST

Lab Name: GCAL Sample ID: SK-SW50-1016 (RE) Case No.: Lab Code: LA024 Contract: SAS No.: SDG No.: 205121431 Lab File ID: 2060112/B8309 Matrix: Water Lab Sample ID: 20512143124 Sample wt/vol: 1000 Units: mL Date Collected: 12/12/05 Time: 1248 Level: (low/med) LOW Date Received: 12/14/05 decanted: (Y/N) Date Extracted: 01/05/06 % Moisture: Date Analyzed: 01/12/06 Time: 0936 GC Column: DB-5MS-30M ID: .25 (mm) Dilution Factor: 1 Analyst: JAR3 Concentrated Extract Volume: 1000 (µL) Prep Method: OLM4.2 SVOA (µL) Injection Volume: 1.0 Analytical Method: OLMO 4.2 pH: ____ GPC Cleanup: (Y/N) N Instrument ID: MSSV3 CONCENTRATION UNITS: ug/L Prep Batch: 314294 Analytical Batch: 312437 CAS NO. RESULT Q **COMPOUND** MDL RL86-30-6 N-Nitrosodiphenylamine 10.0 Ū 0.010 10.0 45 95-48-7 10.0 Ū 0.010 10.0 o-Cresol us

1F SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL		Sample ID: SK-S	W50-1016 (RE)	
Lab Code: LA024	Case No.:	Contract:		
SAS No.:	SDG No.: 205121431	Lab File ID: 2060	112/B8309	
Matrix: Water		Lab Sample ID: 2	20512143124	
Sample wt/vol:	Units:	Date Collected:		Time: 1248
Lovel: (low/mod)		Date Received:	12/14/05	
% Moisture: not dec		Date Extracted:	115/06	
GC Column: DB-5MS-30M		Date Analyzed: (01/12/06	Time: 0936
Concentrated Extract Volum		Dilution Factor:	<u> </u>	Analyst: JAR3
Injection Volume:		Prep Method:	CLMER	.د
	pH:		SW-846 8270C SSV3	
Number TICs Found :	2			a dept. a many
CONCENTRATION UN	ITS:ug/L			
CAS NO. CON	IPOUND	RT	EST. CON	C. Q
1. 112-39-0 Hexadeca	noic acid, methyl este	4.36	5.08	
2 112-61-8 Octadecai	noic acid, methyl este	4.846	4.83	

317/01

1D ORGANICS ANALYSIS DATA SHEET

Lab Name: GCA	AL .	Sample ID: S	K-SW50-10	16	
Lab Code: LA02	Case No.:	Contract			
	aussaland Syddisgriddings hill sagara i san dag fall mass sing nyaph yeft ay dagan s singui			SDG No.:	
	1000 Units: mL	Lab Sample ID:			
	LOW	Date Collected:	12/12/05	Time:	1248
	decanted: (Y/N)				and the state of t
	ID: (mm)	Date Extracted:	12/16/05	Of the same bottom one of the same of the same of	and the second of the second s
	ract Volume: 1000 (µL)				0206
	ne: (µL)				t: TLS
	1 (pL)				
					en alle de la companie de la compani
	N) N pH:				many no resource services of the service of the
Prep Batch: 312	Analytical Batch: 312178	Sulfur Cleanup:		Instrument	D: GCS18A
CONCENTRATION	N UNITS: ug/L	Lab File ID:	205122	20/SV18A033	anga kandagag andara mangangan mangangan s
CAS NO. CO)MPOUND	RESULT	Q	MDL	RL
72-54-8 4,4'-		0.100	U	0.000100	0.100
72-55-9 4,4'-	DDE	0.100	U	0.000100	0.100
50-29-3 4,4'-	DDT	0.100	U	0.000100	0.100
309-00-2 Aldri	n	0.050	U	0.000100	0.050
12674-11-2 Aroc	lor-1016	1.00	U	0.000100	1.00
11104-28-2 Aroc	lor-1221	2.00	U	0.000100	2.00
11141-16-5 Aroc	lor-1232	1.00	Ū	0.000100	1.00
53469-21-9 Aroc	lor-1242	1.00	υ	0.000100	1.00
12€72-29-6 Aroc	lor-1248	1.00	U	0.000100	1.00
L	lor-1254	1.00	Ú	0.000100	1.00
L	lor-1260	1.00	Ü	0.000100	1.00
60-5 7-1 Dield	drin	0.100	υ	0.000100	0.100
	osulfan I	0.050	U	0.000100	0.050
	osulfan II	0.100	U	0.000100	0.100
1 1	osulfan sulfate	0.100	υ	0.000100	0.100
72-20-8 Endr	in	0.100	U	0.000100	0.100
	in aldehyde	0.100	U	0.000100	0.100
	in ketone	0.100	U	0.000100	0.100
<u>-</u>	achlor	0.050	U	0.000100	0.050
·	achlor epoxide	0.050	U	0.000100	0.050
	oxychlor	0.500	U	0.000100	0.500
	phene	5.00	U	0.000100	5.00
	a-BHC	0.050	U	0.000100	0.050
l I '	a-Chlordane	0.050	U	0.000100	0.050
319-85-7 beta-	внс	0.050	U	0.000100	0.050
319-36-8 delta	-BHC	0.050	U	0.000100	0.050
58-89-9 gamr	ma-BHC (Lindane)	0.050	U	0.000100	0.050
5103-74-2 gamr	na-Chlordane	0.050	U	0.000100	0.050

1D ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL	Sample ID: SK-SWEB-1016
Lab Code: LA024 Case No.:	
Matrix: Water	
Sample wt/vol: 1000 Units: mL	
Level: (low/med) LOW	
% Moisture: decanted: (Y/N)	
GC Column: ID: (mm)	
Concentrated Extract Volume: 1000 (µL)	
Soil Aliquot Volume: (µL)	
Injection Volume: 1 (µL)	
GPC Cleanup: (Y/N) N pH:	Analytical Method: OLMO 4.2
Prep Batch: 312323 Analytical Batch: 312178	
CONCENTRATION UNITS: ug/L	Lab File ID: 2051220/SV18A036
CAS NO. COMPOUND	RESULT Q MDL RL
72-54-8 4,4'-DDD	0.100 U 0.000100 0.100
72-55-9 4,4'-DDE	0.100 U 0.000100 0.100
50-29-3 4,4'-DDT	0.100 U 0.000100 0.100
309-00-2 Aldrin	0.050 U 0.000100 0.050
12674-11-2 Aroclor-1016	1.00 U 0.000100 1.00
11104-28-2 Aroclor-1221	2.00 U 0.000100 2.00
11141-16-5 Aroclor-1232	1.00 U 0.000100 1.00
53469-21-9 Aroclor-1242	1.00 U 0.000100 1.00
12672-29-6 Aroclor-1248	1.00 U 0.000100 1.00
11097-69-1 Aroclor-1254	1.00 U 0.000100 1.00
1:096-82-5 Aroclor-1260	1.00 U 0.000100 1.00
60-57-1 Dieldrin	0.100 U 0.000100 0.100
959-98-8 Endosulfan I 33213-65-9 Endosulfan II	0.050 U 0.000100 0.050 0.100 U 0.000100 0.100
33213-65-9 Endosulfan II 1031-07-8 Endosulfan sulfate	
72-20-8 Endrin	0.100 U 0.000100 0.100 0.100 U 0.000100 0.100
7421-93-4 Endrin aldehyde	0.100 U 0.000100 0.100
53494-70-5 Endrin ketone	0.100 U 0.000100 0.100
76-44-8 Heptachlor	0.050 U 0.000100 0.050
1024-57-3 Heptachlor epoxide	0.050 U 0.000100 0.050
72-43-5 Methoxychlor	0.500 U 0.000100 0.500
8(101-35-2 Toxaphene	5.00 U 0.000100 5.00
319-84-6 alpha-BHC	0.050 U 0.000100 0.050
5103-71-9 alpha-Chlordane	0.050 U 0.000100 0.050
319-85-7 beta-BHC	0.050 U 0.000100 0.050
319-86-8 delta-BHC	0.050 U 0.000100 0.050
58-89-9 gamma-BHC (Lindane)	0.050 U 0.000100 0.050
5103-74-2 gamma-Chlordane	0.050 U 0.000100 0.050

1D ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL Sample ID: SK-SW51-1016			
Lab Code: LA024 Case No.:	Contract:		
Matrix: Water	SAS No.: SDG No.: 205121431		
Sample wt/vol: 1000 Units: mL	Lab Sample ID: 20512143106		
Level: (low/med) LOW	Date Collected: 12/12/05 Time: 1410		
% Moisture: decanted: (Y/N)	Date Received: 12/14/05		
GC Column: ID: (mm)	Date Extracted: 12/16/05		
Concentrated Extract Volume: 1000 (µL)	Date Analyzed: 12/21/05 Time: 0321		
Soil Aliquot Volume: (µL)	Dilution Factor: 1 Analyst: TLS		
Injection Volume: 1 (µL)	Prep Method: OLM4.2 PEST/PCB		
GPC Cleanup: (Y/N) N pH:	Analytical Method: OLMO 4.2		
Prep Batch: 312323 Analytical Batch: 312178	Sulfur Cleanup: (Y/N) N Instrument ID: GCS18A		
CONCENTRATION UNITS: ug/L	Lab File ID: 2051220/SV18A037		
CAS NO. COMPOUND	RESULT Q MDL RL		
72-54-8 4,4'-DDD	0.100 U 0.000100 0.100		
72-55-9 4,4'-DDE	0.100 U 0.000100 0.100		
50-29-3 4,4'-DDT	0.100 U 0.000100 0.100		
309-00-2 Aldrin	0.050 U 0.000100 0.050		
12674-11-2 Aroclor-1016	1.00 U 0.000100 1.00		
11104-28-2 Aroclor-1221	2.00 U 0.000100 2.00		
11141-16-5 Aroclor-1232 53469-21-9 Aroclor-1242	1.00 U 0.000100 1.00 1.00 U 0.000100 1.00		
53469-21-9 Aroclor-1242 12672-29-6 Aroclor-1248	1.00 U 0.000100 1.00 1.00 U 0.000100 1.00		
11097-69-1 Aroclor-1254	1.00 U 0.000100 1.00		
11096-82-5 Aroclor-1260	1.00 U 0.000100 1.00		
60-57-1 Dieldrin	0.100 U 0.000100 0.100		
959-98-8 Endosulfan I	0.050 U 0.000100 0.050		
33213-65-9 Endosulfan II	0.100 U 0.000100 0.100		
1031-07-8 Endosulfan sulfate	0.100 U 0.000100 0.100		
72-20-8 Endrin	0.100 U 0.000100 0.100		
7421-93-4 Endrin aldehyde	0.100 U 0.000100 0.100		
53494-70-5 Endrin ketone	0.100 U 0.000100 0.100		
76-44-8 Heptachlor	0.050 U 0.000100 0.050		
1024-57-3 Heptachlor epoxide	0.050 U 0.000100 0.050		
72-43-5 Methoxychlor	0.500 U 0.000100 0.500		
8001-35-2 Toxaphene	5.00 U 0.000100 5.00		
319-84-6 alpha-BHC	0.050 U 0.000100 0.050		
5103-71-9 alpha-Chlordane	0.050 U 0.000100 0.050		
319-85-7 beta-BHC	0.050 U 0.000100 0.050		
319-86-8 delta-BHC	0.050 U 0.000100 0.050		
58-89-9 gamma-BHC (Lindane)	0.050 U 0.000100 0.050		
5103-74-2 gamma-Chlordane	0.050 U 0.000100 0.050		

1D ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL	me: GCAL Sample ID: SK-SW51FD-1016			
Lab Code: LA024 Case No.:	Contract:			
Matrix: Water				
Sample wt/vol: 1000 Units: mL				
Level: (low/med) LOW				
% Moisture: decanted: (Y/N)				
GC Column: ID: (mm				
Concentrated Extract Volume: 1000 (µL				
Scil Aliquot Volume: (µL				
Injection Volume: 1 (µL				
GPC Cleanup: (Y/N) N pH:				
Prep Batch: 312323 Analytical Batch: 312178	Sulfur Cleanup: (Y/N) N Instrument ID: GCS18A			
CONCENTRATION UNITS: ug/L	Lab File ID: 2051220/SV18A038			
CAS NO. COMPOUND	RESULT Q MDL RL			
72-54-8 4,4'-DDD	0.100 U 0.000100 0.100			
72-55-9 4,4 '-DDE	0.100 U 0.000100 0.100			
50-29-3 4,4'-DDT	0.100 U 0.000100 0.100			
309-00-2 Aldrin	0.050 U 0.000100 0.050			
12674-11-2 Aroclor-1016	1.00 U 0.000100 1.00			
111:04-28-2 Aroclor-1221	2.00 U 0.000100 2.00			
11141-16-5 Aroclor-1232	1.00 U 0.000100 1.00			
53469-21-9 Aroclor-1242	1.00 U 0.000100 1.00			
12672-29-6 Aroclor-1248	1.00 U 0.000100 1.00			
11097-69-1 Aroclor-1254	1.00 U 0.000100 1.00			
11096-82-5 Aroclor-1260	1.00 U 0.000100 1.00			
60-57-1 Dieldrin	0.100 U 0.000100 0.100			
959-98-8 Endosulfan I	0.050 U 0.000100 0.050			
33213-65-9 Endosulfan II	0.100 U 0.000100 0.100			
1031-07-8 Endosulfan sulfate	0.100 U 0.000100 0.100			
72-20-8 Endrin	0.100 U 0.000100 0.100			
7421-93-4 Endrin aldehyde	0.100 U 0.000100 0.100			
53494-70-5 Endrin ketone	0.100 U 0.000100 0.100			
76-44-8 Heptachlor	0.050 U 0.000100 0.050			
1024-57-3 Heptachlor epoxide	0.050 U 0.000100 0.050			
72-43-5 Methoxychlor	0.500 U 0.000100 0.500			
800 ⁻ -35-2 Toxaphene	5.00 U 0.000100 5.00			
319-84-6 alpha-BHC	0.050 U 0.000100 0.050			
5103-71-9 alpha-Chlordane	0.050 U 0.000100 0.050			
319-35-7 beta-BHC	0.050 U 0.000100 0.050			
319-36-8 delta-BHC	0.050 U 0.000100 0.050			
58-89-9 gamma-BHC (Lindane)	0.050 U 0.000100 0.050			
5103-74-2 gamma-Chlordane	0.050 U 0.000100 0.050			

1D ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL	Sample ID: SK-SW52-1016
Lab Code: LA024 Case No.:	Contract:
Matrix: Water	SAS No.: SDG No.: 205121431
Sample wt/vol: 1000 Units: mL	Lab Sample ID: 20512143108
Level: (low/med) LOW	Date Collected: 12/12/05 Time: 1448
% Moisture: decanted: (Y/N)	Date Received: 12/14/05
GC Column: ID: (mm)	Date Extracted: 12/16/05
Concentrated Extract Volume: 1000 (µL)	Date Analyzed: 12/21/05 Time: 0358
Soil Aliquot Volume: (μL)	Dilution Factor: 1 Analyst: TLS
In ection Volume: 1 (µL)	Prep Method: OLM4.2 PEST/PCB
GPC Cleanup: (Y/N) N pH:	Analytical Method: OLMO 4.2
Prep Batch: 312323 Analytical Batch: 312178	Sulfur Cleanup: (Y/N) N Instrument ID: GCS18A
CONCENTRATION UNITS: ug/L	Lab File ID: 2051220/SV18A039
CAS NO. COMPOUND	RESULT Q MDL RL
72-54-8 4,4'-DDD	0.100 U 0.000100 0.100
72-55-9 4,4'-DDE	0.100 U 0.000100 0.100
50-29-3 4,4'-DDT	0.100 U 0.000100 0.100
309-00-2 Aldrin	0.050 U 0.000100 0.050
12674-11-2 Aroclor-1016	1.00 U 0.000100 1.00
11104-28-2 Aroclor-1221	2.00 U 0.000100 2.00
11141-16-5 Aroclor-1232	1.00 U 0.000100 1.00
53469-21-9 Aroclor-1242	1.00 U 0.000100 1.00
12672-29-6 Aroclor-1248	1.00 U 0.000100 1.00
11097-69-1 Aroclor-1254	1.00 U 0.000100 1.00
11096-82-5 Aroclor-1260	1.00 U 0.000100 1.00
6C-57-1 Dieldrin	0.100 U 0.000100 0.100
959-98-8 Endosulfan I	0.050 U 0.000100 0.050
33213-65-9 Endosulfan II	0.100 U 0.000100 0.100
1031-07-8 Endosulfan sulfate	0.100 U 0.000100 0.100
72-20-8 Endrin	0.100 U 0.000100 0.100
7421-93-4 Endrin aldehyde 53494-70-5 Endrin ketone	0.100 U 0.000100 0.100 0.100 U 0.000100 0.100
	0.100 U 0.000100 0.100 0.050 U 0.000100 0.050
76-44-8 Heptachlor 1024-57-3 Heptachlor epoxide	0.050 U 0.000100 0.050
72-43-5 Methoxychlor	0.500 U 0.000100 0.500
Later than the second s	5.00 U 0.000100 5.00
	0.050 U 0.000100 0.050 0.050 U 0.000100 0.050
5103-71-9 alpha-Chlordane	
319-85-7 beta-BHC	
319-86-8 delta-BHC	0.050 U 0.000100 0.050 0.050 U 0.000100 0.050
58-89-9 gamma-BHC (Lindane)	0.050 U 0.000100 0.050
	0.000 r G r 0.000100 r 0.000

1D ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL	Sample ID: S	K-SW50-10)16(RE)	parente y a usa naparametero ha usa espesa u ceso co	
Lab Code: LA024 Case No.:				an andrew on the second of the second se	
Matrix: Water			SDG No.:		
Sample wt/vol: 1000 Units: mL	Lab Sample ID				
Lavel: /low/mad\ LOW	Date Collected	: 12/12/05	Time:	1248	
The state of the s					
% Moisture: decanted: (Y/N)				en gegenne edit i tra	
GC Column: ID: (mm)	Date Extracted	: 12/22/05	and the second second	in section of the second of th	,**-
Concentrated Extract Volume: 1000 (µL)	Date Analyzed	12/26/05	Time:	1223	
Soil Aliquot Volume: (µL)	Dilution Factor:	1	Analys	st: TLS	
Injection Volume: 1 (µL)					
GPC Cleanup: (Y/N) N pH:					
Prep Batch: 311530 Analytical Batch: 312178	Sulfur Cleanup	: (Y/N) N	Instrument	ID: GCS18A	***
CONCENTRATION UNITS: ug/L	Lab File ID:	20512	26/SV18A004	many that I have return as to a writing a second of the	1744, 31- 314, 34 34 34
CAS NO. COMPOUND	RESULT	Q	MDL	RL	
72-54-8 4,4'-DDD	0.100	Ü	0.000100	0.100] 41
72-55-9 4,4'-DDE	0.100	U	0.000100	0.100] :
50-29-3 4,4'-DDT	0.100	U	0.000100	0.100	
309-00-2 Aldrin	0.050	U	0.000100	0.050	
12674-11-2 Aroclor-1016	1.00	U	0.000100	1.00	_
11104-28-2 Aroclor-1221	2.00	U	0.000100	2.00	_
11141-16-5 Aroclor-1232	1.00	U	0.000100	1.00	_
53469-21-9 Aroclor-1242	1.00	U	0.000100	1.00	_
12372-29-6 Aroclor-1248	1.00	U	0.000100	1.00	
11397-69-1 Aroclor-1254	1.00	U	0.000100	1.00	
11096-82-5 Aroclor-1260	1.00	U	0.000100	1.00	_
60-57-1 Dieldrin	0.100	U	0.000100	0.100	
959-98-8 Endosulfan I	0.050	υ	0.000100	0.050]
33213-65-9 Endosulfan II	0.100	U	0.000100	0.100	
1031-07-8 Endosulfan sulfate	0.100	U	0.000100	0.100	
72-20-8 Endrin	0.100	U	0.000100	0.100	
7421-93-4 Endrin aldehyde	0.100	U	0.000100	0.100	
53494-70-5 Endrin ketone	0.100	Ų	0.000100	0.100	
76-44-8 Heptachlor	0.050	U	0.000100	0.050	
1024-57-3 Heptachlor epoxide	0.050	U	0.000100	0.050] [
72-43-5 Methoxychlor	0.500	Ų	0.000100	0.500] [
8001-35-2 Toxaphene	5.00	Ü	0.000100	5.00	_
319-84-6 alpha-BHC	0.050	U	0.000100	0.050	
5103-71-9 alpha-Chlordane	0.050	U	0.000100	0.050	
319-85-7 beta-BHC	0.050	U	0.000100	0.050	7
319-86-8 delta-BHC	0.050	U	0.000100	0.050]
58-89-9 gamma-BHC (Lindane)	0.050	U	0.000100	0.050]
5103-74-2 gamma-Chlordane	0.050	U	0.000100	0.050] }

1D ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL	Lab Name: GCAL Sample ID: SK-SWEB-1016(RE)				
Lab Code: LA024 Case No.:	Contract:				
Matrix: Water			SDG No.:		
Sample wt/vol: 1000 Units: mL	Lab Sample ID				
Level: (low/med) LOW	Date Collected	: 12/12/05	Time:	1539	
% Moisture: decanted: (Y/N)				The appropriate of the control of the control of	
GC Column: ID: (mm)	Date Extracted	: 12/22/05		na wa akaka mwa ka ma wa 1911 a 1	
Concentrated Extract Volume: 1000 (µL)				1339	
Soil Aliquot Volume: (µL)				st: TLS	
Injection Volume: 1 (µL)					
				والمراجع المستناس والمنصوب	
GPC Cleanup: (Y/N) N pH:				or and the second of the second of the second	
Prep Batch: 311530 Analytical Batch: 312178	Sulfur Cleanup	: (Y/N) N	Instrument	ID: GCS18A	
CONCENTRATION UNITS: ug/L	Lab File ID:	20512	26/SV18A008	د براها در بازد واردهای برای با در این استان در برای در این برای در در در برای در در	** ****
CAS NO. COMPOUND	RESULT	Q	MDL	RL	
72:-54-8 4,4'-DDD	0.100	U	0.000100	0.100] 43
72-55-9 4,4'-DDE	0.100	U	0.000100	0.100] (
5()-29-3 4,4'-DDT	0.100	U	0.000100	0.100	_
309-00-2 Aldrin	0.050	U	0.000100	0.050	_
12674-11-2 Aroclor-1016	1.00	U	0.000100	1.00	_
11104-28-2 Aroclor-1221	2.00	U	0.000100	2.00	_
11141-16-5 Aroclor-1232	1.00	U	0.000100	1.00	4
53469-21-9 Aroclor-1242	1.00	U	0.000100	1.00	4
12672-29-6 Aroclor-1248	1.00	U	0.000100	1.00	-
11097-69-1 Aroclor-1254 11096-82-5 Aroclor-1260	1.00	U U	0.000100	1.00	- 1
60-57-1 Dieldrin	0.100	U	0.000100	0.100	-
959-98-8 Endosulfan I	0.050	1	0.000100	0.050	-
33213-65-9 Endosulfan II	0.100	l ü	0.000100	0.100	-
1031-07-8 Endosulfan sulfate	0.100	U	0.000100	0.100	1 1
72-20-8 Endrin	0.100	Ū	0.000100	0.100	-
7421-93-4 Endrin aldehyde	0.100	U	0.000100	0.100	1 1
53494-70-5 Endrin ketone	0.100	U	0.000100	0.100	1
7€-44-8 Heptachlor	0.050	U	0.000100	0.050	1
1024-57-3 Heptachlor epoxide	0.050	Ū	0.000100	0.050	1
72-43-5 Methoxychlor	0.500	U	0.000100	0.500	1
8001-35-2 Toxaphene	5.00	U	0.000100	5.00	7
319-84-6 alpha-BHC	0.050	U	0.000100	0.050]
5103-71-9 alpha-Chlordane	0.050	U	0.000100	0.050]
319-85-7 beta-BHC	0.050	٦	0.000100	0.050	
319-86-8 delta-BHC	0.050	U	0.000100	0.050	_
58-89-9 gamma-BHC (Lindane)	0.050	U	0.000100	0.050	_
5103-74-2 gamma-Chlordane	0.050	U	0.000100	0.050	<u> </u>

1D ORGANICS ANALYSIS DATA SHEET

Lab Code: LA024	Lab Name: GCAL	Lab Name: GCAL Sample ID: SK-SW51-1016(RE)				e dec
Matrix: Water SAS No.: SDG No.: 205121431		Contract:				
Sample Mivol: 1000	Matrix: Water	w w				***
Level: (low/med) LOW Date Collected: 12/12/05 Time: 1410	Sample wt/vol: 1000 Units: mL					
% Moisture: decanted: (Y/N) Date Received: 12/14/05 GC Colurin: ID: (mm) Date Extracted: 12/22/05 Concentrated Extract Volume: (μL) Date Analyzed: 12/26/05 Time: 1357 Soil Alquot Volume: (μL) Dilution Factor: 1 Analyst: TLS Injection Volume: 1 (μL) Prep Method: OLM4.2 PEST/PCB GPC Cleenup: (Y/N) N pH: Analytical Method: OLM04.2 Frep Batch: 311530 Analytical Batch: 312178 Sulfur Cleanup: (Y/N) N Instrument ID: GCS18A CCNCENTRATION UNITS: ug/L Lab File ID: 2051226/SV18A009 LA					1410	
CC Column: ID: (mm) Date Extracted: 12/22/05 Time: 1357						
Concentrated Extract Volume: 1000	GC Column: ID: (mm)	Date Extracted	: 12/22/05	and the second s	arrang mak was prompanya Ardina ma	
Soil Aliquot Volume:	Concentrated Extract Volume: 1000 (µL)	Date Analyzed:	12/26/05			
Injection Volume: 1						
Prep Batch: 311530 Analytical Batch: 312178 Sulfur Cleanup: (Y/N) N Instrument ID: GCS18A		Prep Method:	OLM4.2 PI	EST/PCB		
Prep Batch: 311530				242		
CONCENTRATION UNITS: ug/L Lab File ID: 2051226/SV18A009 CAS NO. COMPOUND RESULT Q MDL RL 72-54-8 4.4*DDD 0.100 U 0.000100 0.100 50-29-3 4.4*DDF 0.100 U 0.000100 0.100 309-00-2 Aldrin 0.050 U 0.000100 0.050 12674-11-2 Aroclor-1016 1.00 U 0.000100 1.00 11104-28-2 Aroclor-1221 2.00 U 0.000100 1.00 11104-28-2 Aroclor-1224 1.00 U 0.000100 1.00 11141-16-5 Aroclor-1242 1.00 U 0.000100 1.00 11097-69-1 Aroclor-1242 1.00 U 0.000100 1.00 11097-79-1 Aroclor-1254 1.00 U 0.000100 1.00 11098-82-5 Aroclor-1260 1.00 U 0.000100 1.00 11098-98-8 Endosulfan I 0.100 U 0.000100		Sulfur Cleanup	: (Y/N) N			
T2-54-8					policy of a second	and the second second second second
72-55-9	CAS NO. COMPOUND	RESULT	Q	MDL	RL	
50-29-3		0.100	U	0.000100	0.100	_ u :
309-00-2 Aldrin 0.050 U 0.000100 0.050 12674-11-2 Arcolor-1016 1.00 U 0.000100 1.00 11104-28-2 Arcolor-1221 2.00 U 0.000100 2.00 11141-16-5 Arcolor-1232 1.00 U 0.000100 1.00 1.00 12672-29-6 Arcolor-1242 1.00 U 0.000100 1.00 12672-29-6 Arcolor-1248 1.00 U 0.000100 1.00 11097-69-1 Arcolor-1254 1.00 U 0.000100 1.00 11097-69-1 Arcolor-1254 1.00 U 0.000100 1.00 11096-82-5 Arcolor-1260 1.00 U 0.000100 1.00 11096-82-5 Arcolor-1260 1.00 U 0.000100 0.100 1.00 11096-82-5 Arcolor-1260 1.00 U 0.000100 0.100 1.00 100 1.		0.100	U	0.000100	0.100	
12674-11-2 Aroclor-1016	50-29-3 4,4'-DDT	0.100	U	0.000100	0.100	
11104-28-2 Aroclor-1221 2.00 U 0.000100 2.00 11141-16-5 Aroclor-1232 1.00 U 0.000100 1.		0.050	· · · · · · · · · · · · · · · · · · ·	 	0.050	_
11141-16-5 Aroclor-1232 1.00		1.00		0.000100	1.00	_
53469-21-9 Aroclor-1242 1.00 U 0.000100 1.00 12672-29-6 Aroclor-1248 1.00 U 0.000100 1.00 11097-69-1 Aroclor-1254 1.00 U 0.000100 1.00 11096-82-5 Aroclor-1260 1.00 U 0.000100 1.00 60-57-1 Dieldrin 0.100 U 0.000100 0.100 959-98-8 Endosulfan I 0.050 U 0.000100 0.050 33213-65-9 Endosulfan sulfate 0.100 U 0.000100 0.100 1031-07-8 Endosulfan sulfate 0.100 U 0.000100 0.100 72-20-8 Endrin 0.100 U 0.000100 0.100 72-20-8 Endrin aldehyde 0.100 U 0.000100 0.100 7421-93-4 Endrin ketone 0.100 U 0.000100 0.100 76-44-8 Heptachlor 0.050 U 0.000100 0.050 72-43-5 Me		2.00	 	 		_
12672-29-6			<u> </u>			_
11097-69-1 Aroclor-1254 1.00 U 0.000100 1.00 11096-82-5 Aroclor-1260 1.00 U 0.000100 1.00 60-57-1 Dieldrin 0.100 U 0.000100 0.100 959-98-8 Endosulfan I 0.050 U 0.000100 0.050 33213-65-9 Endosulfan III 0.100 U 0.000100 0.100 1031-07-8 Endosulfan sulfate 0.100 U 0.000100 0.100 72-20-8 Endrin 0.100 U 0.000100 0.100 72-20-8 Endrin aldehyde 0.100 U 0.000100 0.100 72-20-8 Endrin ketone 0.100 U 0.000100 0.100 72-43-9-4 Endrin ketone 0.100 U 0.000100 0.100 53494-70-5 Endrin ketone 0.100 U 0.000100 0.050 1024-57-3 Heptachlor epoxide 0.050 U 0.000100 0.050 8001-35-2				 		_
11096-82-5 Aroclor-1260 1.00 U 0.000100 1.00 60-57-1 Dieldrin 0.100 U 0.000100 0.100 959-98-8 Endosulfan I 0.050 U 0.000100 0.050 33213-65-9 Endosulfan II 0.100 U 0.000100 0.100 1031-07-8 Endosulfan sulfate 0.100 U 0.000100 0.100 72-20-8 Endrin 0.100 U 0.000100 0.100 7421-93-4 Endrin aldehyde 0.100 U 0.000100 0.100 7421-93-4 Endrin ketone 0.100 U 0.000100 0.100 76-44-8 Heptachlor 0.050 U 0.000100 0.050 1024-57-3 Heptachlor epoxide 0.050 U 0.000100 0.050 72-43-5 Methoxychlor 0.500 U 0.000100 0.500 8001-35-2 Toxaphene 5.00 U 0.000100 5.00 319-84-6 alpha-BHC 0.050 U 0.000100 0.050 103-71-9 alpha-Chlordane 0.050 U 0.000100 0.050 319-85-7 beta-BHC 0.050 U 0.000100 0.050 319-86-8 delta-BHC 0.050 U 0.000100 0.050 319-86-8 delta-BHC 0.050 U 0.000100 0.050 0.050 0.000100 0.000100 0.00010	<u> </u>					_
60-57-1 Dieldrin 0.100 U 0.000100 0.100 959-98-8 Endosulfan I 0.050 U 0.000100 0.050 33213-65-9 Endosulfan II 0.100 U 0.000100 0.100 1031-07-8 Endosulfan sulfate 0.100 U 0.000100 0.100 72-20-8 Endrin 0.100 U 0.000100 0.100 72-20-8 Endrin aldehyde 0.100 U 0.000100 0.100 5349-4-70-5 Endrin ketone 0.100 U 0.000100 0.050 1024-57-3 Heptachlor 0.050 U 0.000100 0.050 72-43-5						- I
959-98-8 Endosulfan				 		_
33213-65-9 Endosulfan II 0.100 U 0.000100 0.100 1031-07-8 Endosulfan sulfate 0.100 U 0.000100 0.100 72-20-8 Endrin 0.100 U 0.000100 0.100 7421-93-4 Endrin aldehyde 0.100 U 0.000100 0.100 53494-70-5 Endrin ketone 0.100 U 0.000100 0.100 76-44-8 Heptachlor 0.050 U 0.000100 0.050 1024-57-3 Heptachlor epoxide 0.050 U 0.000100 0.050 72-43-5 Methoxychlor 0.500 U 0.000100 0.500 8001-35-2 Toxaphene 5.00 U 0.000100 5.00 319-84-6 alpha-BHC 0.050 U 0.000100 0.050 5103-71-9 alpha-Chlordane 0.050 U 0.000100 0.050 319-85-7 beta-BHC 0.050 U 0.000100 0.050 319-86-8 delta-BHC 0.050 U 0.000100 0.050 58-89-9 gamma-BHC (Lindane) 0.050 U 0.000100 0.050 58-89-9 gamma-BHC (Lindane) 0.050 U 0.000100 0.050 50000000000000000000000000000000	L				 	_
1031-07-8 Endosulfan sulfate 0.100 U 0.000100 0.100 72-20-8 Endrin 0.100 U 0.000100 0.100 7421-93-4 Endrin aldehyde 0.100 U 0.000100 0.100 53494-70-5 Endrin ketone 0.100 U 0.000100 0.100 76-44-8 Heptachlor 0.050 U 0.000100 0.050 1024-57-3 Heptachlor epoxide 0.050 U 0.000100 0.050 72-43-5 Methoxychlor 0.500 U 0.000100 0.500 8001-35-2 Toxaphene 5.00 U 0.000100 5.00 319-84-6 alpha-BHC 0.050 U 0.000100 0.050 5103-71-9 alpha-Chlordane 0.050 U 0.000100 0.050 319-85-7 beta-BHC 0.050 U 0.000100 0.050 319-86-8 delta-BHC 0.050 U 0.000100 0.050 58-89-9 gamma-			 		}	
72-20-8 Endrin 0.100 U 0.000100 0.100 7421-93-4 Endrin aldehyde 0.100 U 0.000100 0.100 53494-70-5 Endrin ketone 0.100 U 0.000100 0.100 76-44-8 Heptachlor 0.050 U 0.000100 0.050 1024-57-3 Heptachlor epoxide 0.050 U 0.000100 0.050 72-43-5 Methoxychlor 0.500 U 0.000100 0.500 8001-35-2 Toxaphene 5.00 U 0.000100 5.00 319-84-6 alpha-BHC 0.050 U 0.000100 0.050 5103-71-9 alpha-Chlordane 0.050 U 0.000100 0.050 319-85-7 beta-BHC 0.050 U 0.000100 0.050 319-86-8 delta-BHC 0.050 U 0.000100 0.050 58-89-9 gamma-BHC (Lindane) 0.050 U 0.000100 0.050			 			-
7421-93-4 Endrin aldehyde 0.100 U 0.000100 0.100 53494-70-5 Endrin ketone 0.100 U 0.000100 0.100 76-44-8 Heptachlor 0.050 U 0.000100 0.050 1024-57-3 Heptachlor epoxide 0.050 U 0.000100 0.050 72-43-5 Methoxychlor 0.500 U 0.000100 0.500 8001-35-2 Toxaphene 5.00 U 0.000100 5.00 319-84-6 alpha-BHC 0.050 U 0.000100 0.050 5103-71-9 alpha-Chlordane 0.050 U 0.000100 0.050 319-85-7 beta-BHC 0.050 U 0.000100 0.050 319-86-8 delta-BHC 0.050 U 0.000100 0.050 58-89-9 gamma-BHC (Lindane) 0.050 U 0.000100 0.050	L L		l		<u> </u>	-
53494-70-5 Endrin ketone 0.100 U 0.000100 0.100 76-44-8 Heptachlor 0.050 U 0.000100 0.050 1024-57-3 Heptachlor epoxide 0.050 U 0.000100 0.050 72-43-5 Methoxychlor 0.500 U 0.000100 0.500 8001-35-2 Toxaphene 5.00 U 0.000100 5.00 319-84-6 alpha-BHC 0.050 U 0.000100 0.050 5103-71-9 alpha-Chlordane 0.050 U 0.000100 0.050 319-85-7 beta-BHC 0.050 U 0.000100 0.050 319-86-8 delta-BHC 0.050 U 0.000100 0.050 58-89-9 gamma-BHC (Lindane) 0.050 U 0.000100 0.050	<u> </u>		 			-
76-44-8 Heptachlor 0.050 U 0.000100 0.050 1024-57-3 Heptachlor epoxide 0.050 U 0.000100 0.050 72-43-5 Methoxychlor 0.500 U 0.000100 0.500 8001-35-2 Toxaphene 5.00 U 0.000100 5.00 319-84-6 alpha-BHC 0.050 U 0.000100 0.050 5103-71-9 alpha-Chlordane 0.050 U 0.000100 0.050 319-85-7 beta-BHC 0.050 U 0.000100 0.050 319-86-8 delta-BHC 0.050 U 0.000100 0.050 58-89-9 gamma-BHC (Lindane) 0.050 U 0.000100 0.050						- 1
1024-57-3 Heptachlor epoxide 0.050 U 0.000100 0.050 72-43-5 Methoxychlor 0.500 U 0.000100 0.500 8001-35-2 Toxaphene 5.00 U 0.000100 5.00 319-84-6 alpha-BHC 0.050 U 0.000100 0.050 5103-71-9 alpha-Chlordane 0.050 U 0.000100 0.050 319-85-7 beta-BHC 0.050 U 0.000100 0.050 319-86-8 delta-BHC 0.050 U 0.000100 0.050 58-89-9 gamma-BHC (Lindane) 0.050 U 0.000100 0.050	<u></u>					-
72-43-5 Methoxychlor 0.500 U 0.000100 0.500 8001-35-2 Toxaphene 5.00 U 0.000100 5.00 319-84-6 alpha-BHC 0.050 U 0.000100 0.050 5103-71-9 alpha-Chlordane 0.050 U 0.000100 0.050 319-85-7 beta-BHC 0.050 U 0.000100 0.050 319-86-8 delta-BHC 0.050 U 0.000100 0.050 58-89-9 gamma-BHC (Lindane) 0.050 U 0.000100 0.050	<u></u>		ł			-
8001-35-2 Toxaphene 5.00 U 0.000100 5.00 319-84-6 alpha-BHC 0.050 U 0.000100 0.050 5103-71-9 alpha-Chlordane 0.050 U 0.000100 0.050 319-85-7 beta-BHC 0.050 U 0.000100 0.050 319-86-8 delta-BHC 0.050 U 0.000100 0.050 58-89-9 gamma-BHC (Lindane) 0.050 U 0.000100 0.050					<u> </u>	- 1
319-84-6 alpha-BHC 0.050 U 0.000100 0.050 5103-71-9 alpha-Chlordane 0.050 U 0.000100 0.050 319-85-7 beta-BHC 0.050 U 0.000100 0.050 319-86-8 delta-BHC 0.050 U 0.000100 0.050 58-89-9 gamma-BHC (Lindane) 0.050 U 0.000100 0.050		 		<u> </u>		
5103-71-9 alpha-Chlordane 0.050 U 0.000100 0.050 319-85-7 beta-BHC 0.050 U 0.000100 0.050 319-86-8 delta-BHC 0.050 U 0.000100 0.050 58-89-9 gamma-BHC (Lindane) 0.050 U 0.000100 0.050	<u> </u>	· · · · · · · · · · · · · · · · · · ·			<u> </u>	-
319-85-7 beta-BHC 0.050 U 0.000100 0.050 319-86-8 delta-BHC 0.050 U 0.000100 0.050 58-89-9 gamma-BHC (Lindane) 0.050 U 0.000100 0.050	<u> </u>		 -			-
319-86-8 delta-BHC 0.050 U 0.000100 0.050 58-89-9 gamma-BHC (Lindane) 0.050 U 0.000100 0.050	<u></u>	<u> </u>				-
58-89-9 gamma-BHC (Lindane) 0.050 U 0.000100 0.050					<u> </u>	-
						-
	<u> </u>					-

1D ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL	Sample ID: S	K-SW52-10)16(RE)	ene de regionale que rementante en recordo de como de	
Lab Code: LA024 Case No.:	Contract:		an action of the area of the contract of the c		
Matrix: Water			SDG No.:		at the
Sample wt/vol: 1000 Units: mL	Lab Sample ID	: 2051214	3122		
Level: (low/med) LOW			Time:	1424	
% Moisture: decanted: (Y/N)	Date Received	: 12/14/05	O grant 6 F Hann 1890s trage - Some traes	northwester of the second region in the the second region of the second region of	n= 5
GC Column: ID: (mm)	Date Extracted	: 12/22/05		ng uga ma da anggag gap k ng nagga g mg na Tipa daganga.	
Concentrated Extract Volume: 1000 (µL)			Time:		
Soil Aliquot Volume: (µL)			Analys		
Injection Volume: 1 (µL)			EST/PCB		
GPC Cleanup: (Y/N) N pH:			O 4.2		
Frep Batch: 311530 Analytical Batch: 312178			Instrument		
CONCENTRATION UNITS: ug/L	Lab File ID:	20512	26/SV18A011		
CAS NO. COMPOUND	RESULT	Q	MDL	RL	
72-54-8 4,4'-DDD	0.100	U	0.000100	0.100] uš
72-55-9 4,4'-DDE	0.100	U	0.000100	0.100	7 i
50-29-3 4,4'-DDT	0.100	Ų	0.000100	0.100	7 /
309-00-2 Aldrin	0.050	U	0.000100	0.050	7
12674-11-2 Aroclor-1016	1.00	U	0.000100	1.00	7
11104-28-2 Aroclor-1221	2.00	U	0.000100	2.00	7
11141-16-5 Aroclor-1232	1.00	U	0.000100	1.00	7
53469-21-9 Aroclor-1242	1.00	U	0.000100	1.00	7 1
12672-29-6 Aroclor-1248	1.00	U	0.000100	1.00	7
11097-69-1 Aroclor-1254	1.00	U	0.000100	1.00	7 1
11096-82-5 Aroclor-1260	1.00	U	0.000100	1.00	7
60-57-1 Dieldrin	0.100	U	0.000100	0.100	7
959-98-8 Endosulfan I	0.050	U	0.000100	0.050	7
33213-65-9 Endosulfan II	0.100	U	0.000100	0.100	7
1031-07-8 Endosulfan sulfate	0.100	U	0.000100	0.100	7
72-20-8 Endrin	0.100	U	0.000100	0.100	7
7421-93-4 Endrin aldehyde	0.100	U	0.000100	0.100	7
53494-70-5 Endrin ketone	0.100	U	0.000100	0.100	7
76-44-8 Heptachlor	0.050	U	0.000100	0.050	7
1024-57-3 Heptachlor epoxide	0.050	U	0.000100	0.050	7 /
72-43-5 Methoxychlor	0.500	U	0.000100	0.500	7
8001-35-2 Toxaphene	5.00	U	0.000100	5.00]
319-84-6 alpha-BHC	0.050	U	0.000100	0.050	7
5103-71-9 alpha-Chlordane	0.050	U	0.000100	0.050	7
319-85-7 beta-BHC	0.050	Ü	0.000100	0.050	7
319-86-8 delta-BHC	0.050	U	0.000100	0.050	7
58-89-9 gamma-BHC (Lindane)	0.050	U	0.000100	0.050	7
5103-74-2 gamma-Chlordane	0.050	U	0.000100	0.050	7 .

3/1/26

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1D ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL	Sample ID: SK-SW51FD-1016 (RE)			
Lab Code: LA024 Case No.:				
Matrix: Water	SAS No.: SDG No.: 2			
Sample wt/vol: 1000 Units: mL	Lab Sample ID: 20512143123			
Lovel: /low/mod) LOW	THE THE THE STEEL AT MICHAEL AS A CHARLE AND A CHARLE THE A CHARLE	424		
	Date Collected: 12/12/05 Time: 1			
% Moisture: decanted: (Y/N)	Date Received: 12/14/05	the company of the co		
GC Column: ID: (mm)	Date Extracted: 12/27/05			
Concentrated Extract Volume: 1000 (µL)	Date Analyzed: 01/04/06 Time: 1			
Soil Aliquot Volume: (µL)	Dilution Factor: 1 Analyst:	TLS		
Injection Volume: 1 (µL)	Prep Method: OLM4.2 PEST/PCB			
GPC Cleanup: (Y/N) N pH:	Analytical Method: OLMO 4.2			
Prep Batch: 313006 Analytical Batch: 313100				
CONCENTRATION UNITS: ug/L	Lab File ID: 2060104/SV18A004			
CAS NO. COMPOUND	RESULT Q MDL	RL		
72:-54-8 4,4'-DDD	0.100 U 0.000100	0.100		
72-55-9 4,4'-DDE	0.100 U 0.000100	0.100		
50-29-3 4,4'-DDT	0.100 U 0.000100	0.100		
309-00-2 Aldrin	0.050 U 0.000100	0.050		
12674-11-2 Aroclor-1016	1.00 U 0.000100	1.00		
11104-28-2 Aroclor-1221	2.00 U 0.000100	2.00		
11141-16-5 Aroclor-1232	1.00 U 0.000100	1.00		
53469-21-9 Aroclor-1242	1.00 U 0.000100	1.00		
12672-29-6 Aroclor-1248	1.00 U 0.000100	1.00		
11097-69-1 Aroclor-1254	1.00 U 0.000100	1.00		
11096-82-5 Aroclor-1260	1.00 U 0.000100	1.00		
60-57-1 Dieldrin	0.100 U 0.000100	0.100		
959-98-8 Endosulfan I	0.050 U 0.000100	0.050		
33213-65-9 Endosulfan II	0.100 U 0.000100	0.100		
1031-07-8 Endosulfan sulfate	0.100 U 0.000100	0.100		
72-20-8 Endrin	0.100 U 0.000100	0.100		
7421-93-4 Endrin aldehyde	0.100 U 0.000100	0.100		
53494-70-5 Endrin ketone	0.100 U 0.000100	0.100		
76-44-8 Heptachlor	0.050 U 0.000100	0.050		
10:24-57-3 Heptachlor epoxide	0.050 U 0.000100	0.050		
72-43-5 Methoxychlor	0.500 U 0.000100	0.500		
8001-35-2 Toxaphene	5.00 U 0.000100	5.00		
319-84-6 alpha-BHC	0.050 U 0.000100	0.050		
5103-71-9 alpha-Chlordane	0.050 U 0.000100	0.050		
319-85-7 beta-BHC	0.050 U 0.000100	0.050		
319-86-8 delta-BHC	0.050 U 0.000100	0.050		
58-89-9 gamma-BHC (Lindane)	0.050 U 0.000100	0.050		
5103-74-2 gamma-Chlordane	0.050 U 0.000100	0.050		

U.S. EPA - CLP COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

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ab Name: GCAL	Contract:				
ab Code: LA024 Case No.:	SAS No.:			SDG No.:	205121431
EPA Sample No	•	Lab Sam			
SK-SW50-1016		205121431			
SK-SW50 MS-101	6	205121431			
SK-SW50DUP-10	16	205121431			
SK-SWEB-1016		2051214310			
SK-SW51-1016		2051214310			
SK-SW51FD-1018	3	2051214310	07		
SK-SW52-1016		2051214310	08		
SK-SW50-1016(D	ISS)	2051214310)9		
SK-SW50MS-101	S(DISS)	205121431	10	- 	
SK-SW50DUP-10	16(DISS)	2051214311	11		
SK-SWEB-1016(E	nss)	205121431	12		
SK-SW51-1016(D	ISS)	2051214311	3		
SK-SW51FD-1016	(DISS)	2051214311	4		
SK-SW52-1016(D	SS)	2051214311	5		
Were ICP interelement co	orrections applied ?	Yes / No	YES		
Were ICP background co	rrections applied?	Yes / No	YES	-4	
If yes-were raw data application of backgro	-	Yes / No	NO		
	seria dell'esticine i	1307710			
omments:					
					
		·			
certify that this data package is in compliance with completeness for other than the conditions detailed the computer readable data submitted on the diske lesignee, as verified by the following signature.	above. Release of this	s data containe	d in this t	nardcopy da	ita package and in
Signature: Kong Military	^	itle: Cris	in Wa	Jernine.	
Date::	Т	itle: (373)	4 120	isk !:	6 m
* *	COVER PAGE - II		t		ILMO4.1

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EPA SAMPLE NO.

INORGANIC	ANALYSIS	DATA	SHEET
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SK-SW50-1016

Lab Name: PRO	J AAH GCAL	Contract:		
Lab Code: LA024	Case No.:	SAS No.:		SDG No.:
Matrix: (soil / water	r) Water	Lab Sample ID:	20512143101	
Level: (low / med)		Date Received:	12/14/05	
% Solids:				

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	С	Q	M	7
7429-90-5	Aluminum	21.8	В		Р	7
7440-36-0	Antimony	2.7	U		Р	7
7440-38-2	Arsenic	3.5	U		Р	7
7440-39-3	Barium	50.5	В		Р	7
7440-41-7	Beryllium	0.1	U		P	7
7440-43-9	Cadmium	0.1	U		P	7
7440-70-2	Calcium	108000			Р	7
7440-47-3	Chromium	4.8	В		Р	7
7440-48-4	Cobalt	0.4	U		Р	7
7440-50-8	Copper	0.8	U		P	7
7439-89-6	Iron	24.3	В	Z	Р	7
7439-92-1	Lead	1.7	U		Р	7
7439-95-4	Magnesium	30500			Р	7
7439-96-5	Manganese	0.1	U		Р	7
7439-97-6	Mercury	0.1	U		AV	7
7440-02-0	Nickel	0.6	В		Р	76
744C-09-7	Potassium	2910	В	E	2	11
7782-49-2	Selenium	3.0	Ü	N	ا	li
7440-22-4	Silver	0.6	υ		Р	7
7440-23-5	Sodium	97700			Р	1
7440-28-0	Thallium	5.9	В		þ	1
7440-62-2	Vanadium	1.6	υ		P	1
7440-66-6	Zinc	6.0	В	Je .	Р	1
57-12-5	Cyanide	0.6	U		AS	1

Color Before:	COLORLESS	Clarity Before:	CLEAR	Texture:
Color After:	COLORLESS	Clarity After:	CLEAR	Artifacts:
Comments:				-1.1:
				3/14/06

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EPA SAMPLE NO.

INORGANIC	ANALYSIS	DATA	SHEET
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SK-SW50DUP-1016	

Lab Name: PROJ AAH GCAL	Contract:	
Lab Code: LA024 Case No.:	SAS No.:	SDG No.:
Matrix: (soil / water) Water	Lab Sample ID: 20512143104	1
Level: (low/med)	Date Received: 12/14/05	
% Solids:		_

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	С	Q	M	
7429-90-5	Aluminum	25.0	В		Р	7
7440-36-0	Antimony	2.7	U		Р	7
7440-38-2	Arsenic	3.5	υ		Р	7
7440-39-3	Barium	51.6	В		Р	1
7440-41-7	Beryllium	0.1	U		P	7
7440-43-9	Cadmium	0.1	U		P	7
7440-70-2	Calcium	110000			Р	7
7440-47-3	Chromium	3.8	В		Р	7
7440-48-4	Cobalt	0.4	U		Р	7
7440-50-8	Copper	0.8	U		Р	7
7439-89-6	Iron	22.0	В	حقله	Р	7
7439-92-1	Lead	1.7	U		Р	
7439-95-4	Magnesium	30800			P	
7439-96-5	Manganese	0.1	U		Р	7
7439-97-6	Mercury	0.1	U	······································	AV	7
7440-02-0	Nickel	0.4	U		Р	7
7440-09-7	Potassium	2900	В	Ë	Р	15
7782-49-2	Selenium	3.0	U	N	Р	u
7440-22-4	Silver	0.6	U		Р	7
7440-23-5	Sodium	99700			Р	7
744()-28-0	Thallium	5.0	В		Р	7
744()-62-2	Vanadium	1.6	U		Р	1
744()-66-6	Zinc	6.0	В	JE/*	Р	1
57-12-5	Cyanide	0.6	U		AS	1

			3/14/36
Clarity Before:	CLEAR	Texture:	
Clarity After:	CLEAR	Artifacts:	

Comments:

Color After:

Color Before:

COLORLESS

COLORLESS

INORGANIC ANALYSIS DATA SHEET

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SK-SWEB-1016	

Lab Name: PROJ AAH GCAL	Contract:	<u>-</u>
Lab Code: LA024 Case No.:	SAS No.:	SDG No.:
Matrix: (soil / water) Water	Lab Sample ID: 20512143105	
Level: (low / med)	Date Received: 12/14/05	
% Solids:		

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	С	Q	M	7
7429-90-5	Aluminum	12.5	U		Р	7
7440-36-0	Antimony	2.7	U		Р	1
7440-38-2	Arsenic	3.5	U		Р	7
7440-39-3	Barium	0.4	В		Р	7
7440-41-7	Beryllium	0.1	U		P	7
7440-43-9	Cadmium	0.1	U		Р	7
7440-70-2	Calcium	23.7	U		Р	7
7440-47-3	Chromium	0.7	U		Р	7
7440-48-4	Cobalt	0.8	В		Р	7
7440-50-8	Copper	0.8	U		Р	7
7439-89-6	Iron	2.9	U	ستل	Р	1
7439-92-1	Lead	1.7	U		Р	1
7439-95-4	Magnesium	9.9	Ü		Р	1
7439-96-5	Manganese	0.1	U		Р	1
7439-97-6	Mercury	0.1	U		AV	7
7440-02-0	Nickel	0.4	U		Р	7
7440-09-7	Potassium	51.5	U	E	Р	7
7782-49-2	Selenium	3.3	В	N	Р	1 U
7440-22-4	Silver	0.6	U		Р	1
7440-23-5	Sodium	46.7	U		Р	1
7440-28-0	Thallium	1.4	Ü	· ········	Р	1
7440-62-2	Vanadium	1.6	U		Р	1
7440-66-6	Zinc	4.5	В	Æ	Р	1
57-12-5	Cyanide	0.6	U		AS	1

3/11/06 Co or Before: COLORLESS Clarity Before: CLEAR Texture: Co or After: COLORLESS Clarity After: CLEAR Artifacts: Comments:

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

		INORGANIC ANALYSIS DATA	SHEET	SK-SW51-1016	
Lab Name	PROJ AAH GCAL	Contract:	- 		j
Lab Code: L	A024 Case No.:	SAS No.:	· · · · · · · · · · · · · · · · · · ·	SDG No.:	
Matrix: (soil /	water) Water	_ Lab Sample ID:	20512143106		
Level: (low / r	med)	Date Received:	12/14/05		
% Solids:					

CAS No.	Analyte	Concentration	С	Q	М
7429-90-5	Aluminum	21.2	В		Р
7440-36-0	Antimony	2.7	U		Р
7440-38-2	Arsenic	3.5	Ü		Р
7440-39-3	Barium	50.3	В		Р
7440-41-7	Beryllium	0.1	U		Р
7440-43-9	Cadmium	0.1	U		Р
7440-70-2	Calcium	108000			Р
7440-47-3	Chromium	3.9	В		Р
7440-48-4	Cobalt	0.4	U		Р
7440-50-8	Copper	0.8	U		P
7439-89-6	Iron	30.2	В	<i>F</i>	Р
7439-92-1	Lead	1.7	Ü		Р
7439-95-4	Magnesium	30400			P
7439-96-5	Manganese	0.1	U		P
7439-97-6	Mercury	0.1	В		AV
7440-02-0	Nickel	0.4	υ		Р
7440-09-7	Potassium	2840	В	E	Р
7782-49-2	Selenium	3.0	Ú	N	Р
7440-22-4	Silver	0.6	U		Р
7440-23-5	Sodium	97300			Р
7440-28-0	Thallium	4.6	В		Р
7440-62-2	Vanadium	1.6	U		Р
7440-66-6	Zinc	8.4	В	. الحجار	Р
57-12-5	Cyanide	8.0	В	· · · · · · · · · · · · · · · · · · ·	AS

Concentration Units (ug/L or mg/kg dry weight): ug/L

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Color Before:	COLORLESS	Clarity Before:	CLEAR	Texture:	
Color After:	COLORLESS	Clarity After:	CLEAR	Artifacts:	
Comments:					

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EPA SAMPLE NO.

INORGANIC	ANALYSIS	DATA	SHEET

SK-SW51FD-1016

Lab Name: PROJ AAH GCAL	Contract:	
Lab Code: LA024 Case No.:	SAS No.:	SDG No.:
Matrix: (soil / water) Water	Lab Sample ID: 20512143107	
Level: (low / med)	Date Received: 12/14/05	
% Solids:	per distance that yet all the service of the servic	

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	С	Q	M	7
7429-90-5	Aluminum	22.4	В		P	1
7440-36-0	Antimony	2.7	U	· · · · · · · · · · · · · · · · · · ·	Р	1
7440-38-2	Arsenic	3.5	U		Р	1
7440-39-3	Barium	50.6	В		Р	7
7443-41-7	Beryllium	0.1	U		Р	1
7440-43-9	Cadmium	0.1	U		Р	1
7440-70-2	Calcium	101000			Р	1
7440-47-3	Chromium	3.7	В		Р	1
744()-48-4	Cobalt	0.4	U		Р	1
7440-50-8	Copper	0.8	В		Р	1
7439-89-6	Iron	30.3	В	JE .	Р	1
7439-92-1	Lead	1.7	U		Р	1
7439-95-4	Magnesium	30500			Р	1
7439-96-5	Manganese	3.9	В		Р	1
7439-97-6	Mercury	0.1	В		AV	1
7440-02-0	Nickel	0.4	U	· · · · · · · · · · · · · · · · · · ·	Р	1
7440-09-7	Potassium	2600	В	E	2	J
7782-49-2	Selenium	3.0	U	N	P	1 47
7440-22-4	Silver	0.6	Ü		Р	
7440-23-5	Sodium	92500			p	İ
7440-28-0	Thallium	5.7	В		Р	1
7440-62-2	Vanadium	1.6	U	····	P	
7440-66-6	Zinc	9.2	В	F	P	1
57-12-5	Cyanide	0.6	U		AS	1

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Color Before:	COLORLESS	Clarity Before:	CLEAR	Texture:	
Color After:	COLORLESS	Clarity After:	CLEAR	Artifacts:	
Comments:					

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

				SK-SW52-1016	
Lab Name: PROJ AAH G	CAL	Contract:			
Lab Code: LA024	Case No.:	SAS No.:		SDG No.:	
Matrix: (soil / water) Wa	ter	Lab Sample ID:	20512143108		
Level: (low / med)		Date Received:	12/14/05		

Concentration Units (ug/L or mg/kg dry weight): ug/L

% Solids: ____

CAS No.	Analyte	Concentration	С	Q	М	7
7429-90-5	Aluminum	19.7	В		P	1
7440-36-0	Antimony	2.7	U		Р	1
7440-38-2	Arsenic	3.5	U		Р	1
7440-39-3	Barium	49.4	В		Р	1
7440-41-7	Beryllium	0.1	U		P	1
7440-43-9	Cadmium	0.1	U		Р	1
7440-70-2	Calcium	105000	· · · · · · · · · · · · · · · · · · ·		Р	1
7440-47-3	Chromium	3.8	В		Р	1
7440-48-4	Cobalt	0.4	U		Р	7
7440-50-8	Copper	0.8	U		Р	7
7439-89-6	Iron	34.3	В	مخر	Р	1
7439-92-1	Lead	1.7	U		Р	1
7439-95-4	Magnesium	29100			Р	1
7439-96-5	Manganese	1.2	В		Р	1
7439-97-6	Mercury	0.1	U		AV	1
7440-02-0	Nickel	0.4	U		Р	1
7440-09-7	Potassium	2710	В	E	Р	I
7782-49-2	Selenium	3.0	U	N	Р	lu
7440-22-4	Silver	0.6	U		Р	1
7440-23-5	Sodium	96800			Р	1
7440-28-0	Thallium	8.4	В		P	1
7440-62-2	Vanadium	1.6	U		Р	1
7443-66-6	Zinc	8.3	В	Æ	P	1
57-12-5	Cyanide	0.6	В		AS	1

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Color Before:	COLORLESS	Clarity Before:	CLEAR	Texture:	
Cclor After:	COLORLESS	Clarity After:	CLEAR	Artifacts:	
Cornments					

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EPA SAMPLE NO.

INORGANIC ANAL	YSIS.	DATA	SHEET
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SK-SM/50	1016(DISS)
OIX-01400-	. 10 10 0 0 10 0 1

Lab Name: PROJ AAH GCAL	Contract:	
Lab Code: LA024 Case No.:	SAS No.:	SDG No.:
Matrix: (soil / water) Water	Lab Sample ID: 20512143109	
Level: (low / med)	Date Received: 12/14/05	
% Solids:		
Concentration Units (ug/L or mg/kg dry weight): ug/L		

CAS No.	Analyte	Concentration	С	Q	M
7429-90-5	Aluminum	25.1	В		Р
7440-36-0	Antimony	2.7	Ü		Р
7440-38-2	Arsenic	3.5	U		Р
7440-39-3	Barium	50.6	В		P
7440-41-7	Beryllium	0.1	Ü	·	Р
7440-43-9	Cadmium	0.1	U		P
7440-70-2	Calcium	110000			Р
7440-47-3	Chromium	3.8	В		P
7440-48-4	Cobalt	0.4	В		P
7440-50-8	Copper	0.8	U		Р
7439-89-6	Iron	43.7	В	Æ	P
7439-92-1	Lead	2.0	В	<u> </u>	P
7439-95-4	Magnesium	30800			Р
7439-96-5	Manganese	0.1	U		Р
7439-97-6	Mercury	0.1	U		AV
7440-02-0	Nickel	0.4	Ü		P
7440-09-7	Potassium	3110	В	E	Р
7782-49-2	Selenium	4.3	В	N	Р
7440-22-4	Silver	0.6	U		Р
7440-23-5	Sodium	100000			Р
7440-28-0	Thallium	7.1	В	- Maring	Р
7440-62-2	Vanadium	1.6	U	······································	Р
7440-66-6	Zinc	11.1	В	<u></u>	P

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Color Before:	COLORLESS	Clarity Before:	CLEAR	Texture:	gang kepada and kepanggan ang panah kanada da kala Malama da da kala da
Color After:	COLORLESS	Clarity After:	CLEAR	Artifacts:	
Comments:					

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-SW50DUP-1016(DISS)	

Lab Name: PROJ AAH GCAL	Contract:		J
Lab Code: LA024 Case No.:	SAS No.:	SDG No.:	
Matrix: (soil / water) Water	Lab Sample ID: 205	512143111	
Level: (low / med)	Date Received: 12/1	14/05	
% Solids:			
Concentration Units (ug/L or mg/kg dry weight):	ıg/L		

CAS No.	Analyte	Concentration	С	Q	М	7
7429-90-5	Aluminum	12.5	U	†	Р	7
7440-36-0	Antimony	2.7	U		Р	7
7440-38-2	Arsenic	3.5	U		Р	7
7440-39-3	Barium	50.2	В		Р	7
7440-41-7	Beryllium	0.1	U		Р	7
7440-43-9	Cadmium	0.1	U		Р	
7440-70-2	Calcium	112000			Р	7
7440-47-3	Chromium	4.0	В		Р	7
7440-48-4	Cobalt	0.4	U		P	_
7440-50-8	Copper	0.8	U		Р	7
7439-89-6	Iron	2.9	U	1	Р	7
7439-92-1	Lead	1.7	U		Р	7
7439-95-4	Magnesium	31200			Р	7
7439-96-5	Manganese	0.1	Ü	 	Р	7
7439-97-6	Mercury	0.1	U		AV	1
7440-02-0	Nickel	0.5	В		Р	1
7440-09-7	Potassium	3120	В	E	Р	11
7782-49-2	Selenium	3.0	U	N	Р	1 iu:1
7440-22-4	Silver	0.6	U	1	Р	7 - 7
7440-23-5	Sodium	99000		1	Р	1
7440-28-0	Thallium	7.0	В		Р	1
7440-62-2	Vanadium	1.6	U		P	1
7440-66-6	Zinc	10.6	8	F	Р	1
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					3/19/24
Color Before:	COLORLESS	Clarity Before:	CLEAR	Texture:	
Color After:	COLORLESS	Clarity After:	CLEAR	Artifacts:	
Comments:					

INORGANIC ANALYSIS DATA SHEET

E -	М	CHIMIL	ᄕ	110

	Morke	SANIO ANALIGIO BATA GILLI	SK-SWEB-1016(DISS)	-
Lao Name: PROJ AAH	GCAL	Contract:		
Lab Code: LA024	Case No.:	SAS No.:	SDG No.:	
Matrix: (soil / water) W	ater	Lab Sample ID: 20512143112		
Level: (low / med)	-	Date Received: 12/14/05		
% Solids:				

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	С	Q	М	7
7429-90-5	Aluminum	12.5	U		Р	1
7440-36-0	Antimony	2.7	U		P	1
7440-38-2	Arsenic	3.5	U		P	1
7440-39-3	Barium	0.2	U		P	1
7440-41-7	Beryllium	0.1	U		P	1
7440-43-9	Cadmium	0,1	U		Р	1
7440-70-2	Calcium	75.8	В		Р	1
7440-47-3	Chromium	0.7	U		P	1
7440-48-4	Cobalt	1.5	В		Р	1
7440-50-8	Copper	0.8	U		Р	1
7439-89-6	Iron	2.9	U	Æ	Р	1
7439-92-1	Lead	1.7	U		Р	1
7439-95-4	Magnesium	9.9	U		P	1
7439-96-5	Manganese	0.1	U		Р	1
7439-97-6	Mercury	0.1	U		AV	1
7440-02-0	Nickel	0.4	Ü		Р	1
7440-09-7	Potassium	76.7	В	E	Р] 'J
7782-49-2	Selenium	3.2	В	N	Р	13
7440-22-4	Silver	0.6	U		Р	1
7440-23-5	Sodium	106	В		Р	1
744()-28-0	Thallium	4.2	В		P	1
744()-62-2	Vanadium	1.6	U		P	1
744()-66-6	Zinc	7.1	В	Z	Р	1

					3/14/26
Color Before:	COLORLESS	Clarity Before:	CLEAR	Texture:	
Color After:	COLORLESS	Clarity After:	CLEAR	Artifacts:	
Comments:					

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

					SK-SW51-1016(DISS)	
Lab Name PROJ AAH GCAL		Contract:				
Lab Code:	LA024	Case No.:	SAS No.:	···	SDG No.:	
Matrix: (soil	l / water)	Water	Lab Sample ID:	20512143113		
Level: (low	/ med)		Date Received:	12/14/05		

Concentration Units (ug/L or mg/kg dry weight): ug/L

% Solids:

CAS No.	Analyte	Concentration	С	Q	М	7
7429-90-5	Aluminum	12.5	U		Р	_
7440-36-0	Antimony	2.7	U		Р	1
7440-38-2	Arsenic	3.5	U		Р	1
7440-39-3	Barium	49.5	В		Р	7
7440-41-7	Beryllium	0.1	В		Р	1
7440-43-9	Cadmium	0.1	U		Р	7
7440-70-2	Calcium	108000			Р	7
7440-47-3	Chromium	3.7	В		Р	7
7440-48-4	Cobalt	0.4	U		Р	7
7440-50-8	Copper	0.8	U		Р	7
7439-89-6	Iron	2.9	U	, <u>F</u>	Р	7
7439-92-1	Lead	1.7	Ü		Р	7
7439-95-4	Magnesium	29400			Р	7
7439-96-5	Manganese	0.1	U		Р	7
7439-97-6	Mercury	0.1	U		AV	7
7440-02-0	Nickel	0.4	U		Р	7
7440-09-7	Potassium	2840	В	E	Р	77
7782-49-2	Selenium	3.0	U	N	Р	143
7440-22-4	Silver	0.6	U		Р	
7440-23-5	Sodium	100000			Р	7
7440-28-0	Thallium	6.5	В		Р	7
7440-62-2	Vanadium	1.6	U		Р	1
7440-66-6	Zinc	9.5	В	Z	P	7

				3	114/06
Color Before:	COLORLESS	Clarity Before:	CLEAR	Texture:	
Color After:	COLORLESS	Clarity After:	CLEAR	Artifacts:	
Comments:					

U.S. EPA - CLP

Contract:

INORGANIC ANALYSIS DATA SHEET

Lab Name: PROJ AAH GCAL

	SAMP	1 5 810
EPA	SAIM	

						
Concentration	Units (ug/L or mg/kg dry we	ight) : ug/L				
CAS No.	Analyte	Concentration	C	Q	М	1
7429-90-5	Aluminum	12.5	U	†	Р	1
7440-36-0	Antimony	2.7	U	1	P	1
440-38-2	Arsenic	3.5	U		Р	1
440-39-3	Barium	50.3	В	<u> </u>	Р	1
7440-41-7	Beryllium	0.1	U		Р	1
7440-43-9	Cadmium	0.1	U		P	1
7440-70-2	Calcium	110000			P	1
440-47-3	Chromium	3.7	В		P	1
440-48-4	Cobalt	0.6	В		Р	1
440-50-8	Copper	0.8	Ú		Р	1
439-89-6	Iron	2.9	U	Æ	Р	1
439-92-1	Lead	1.7	U		Р]
439-95-4	Magnesium	30100			Р]
439-96-5	Manganese	0.1	Ü		Р	1
439-97-6	Mercury	0.1	Ú	Ī	AV	
440-02-0	Nickel	0.4	Ū		Р	1
440-09-7	Potassium	2890	В	E	Р	J
782-49-2	Selenium	3.0	U	N	Р	45
440-22-4	Silver	0.6	U		Р	
440-23-5	Sodium	99200			Р	
440-28-0	Thallium	5.9	В		Р	
440-62-2	Vanadium	1.6	U		Р	
440-66-6	Zinc	8.6	В	戸	Р	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

FORM I - IN

ILM04.1

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA	SHEET
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SK-SW52-1016(DISS)

Lab Name: PROJ AAH GCAL	Contract:	
Lab Code: LA024 Case No.:	SAS No.:	SDG No.:
Matrix: (soil / water) Water	Lab Sample ID: 20512143115	
Level: (low / med)	Date Received: 12/14/05	
% Solids:		

ug/L Concentration Units (ug/L or mg/kg dry weight):

CAS No.	Analyte	Concentration	С	Q	М	7
7429-90-5	Aluminum	12.5	U		P	7
7440-36-0	Antimony	2.7	U		Р	1
7440-38-2	Arsenic	3.5	U		P	7
7440-39-3	Barium	51.2	В		Р	
7440-41-7	Beryllium	0.1	U		Р	7
7440-43-9	Cadmium	0.1	U		P	7
7440-70-2	Calcium	103000			P	7
7440-47-3	Chromium	3.8	В	•	Р	7
7440-48-4	Cobalt	0.4	U		Р	1
7440-50-8	Copper	0.8	U		Р	7
7439-89-6	iron	2.9	U	Æ	Р	1
7439-92-1	Lead	1.7	U	· · · · · · · · · · · · · · · · · · ·	Р	1
7439-95-4	Magnesium	29800		**	Р	1
7439-96-5	Manganese	0.1	U		Р	1
7439-97-6	Mercury	0.1	Ú		AV	1
7440-02-0	Nickel	0.4	U		Р	7
7440-09-7	Potassium	2720	В	E	Р	13
7782-49-2	Selenium	3.0	U	N	Р	ไน:
7440-22-4	Silver	0.6	U		Р	1
7440-23-5	Sodium	95600			P	1
440-28-0	Thallium	5.1	В		Р	1
7440-62-2	Vanadium	1.6	U	· · · · · · · · · · · · · · · · · · ·	Р	1
440-66-6	Zinc	8.3	В	, Fe	Р	1

					3/19/26
Color Before:	COLORLESS	Clarity Before:	CLEAR	Texture:	
Color After:	COLORLESS	Clarity After:	CLEAR	Artifacts:	
Comments.					

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GULF		ANALYTIC	TAL LA	BORATO	DRIES, INC		

iule coast Analytical Laboratories, inc 7979 GSRI Avenue, Baton Rouge, Louisiana 70820-7402 Phone 225,769,4900 • Fax 225,767,5717

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Lab use only		_ ·		
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	Client Name	Client #	Workorder #	Due Date

Phone 225.769.4900 • Fax 225.767.5717	CI	ient Name		Client #	,	Workorder #	Due Date
Report to: Client: Earth Tach Address: 2373 Prayres & Or Hedron Ky 41048 Contact: Pat Higgins Phone: 859-442-2300	Client: Glenn Spann Span	oring S	S) A	nalytical Reques	sts & Method	Lab use only: Custody Seal used yes in tact yes Temperature °C	no
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7979 GSRI Avenue, Baton Rouge, Louisiana 70820-7402

Lab use only

CHAIN OF CUSTORY RECOR	RD		_
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Phone 225.769.4900 • Fax 225.767.5717	Clie	ent Name				ļ	Clie	ent#	1		W	orkorder #	Due Date
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GC'AL !!

GULF COAST ANALYTICAL LABORATORIES, INC 7979 GSRI Avenue, Baton Rouge, Louisiana 70820-7402 Phone 225.769.4900 • Fax 225.767.5717 Lab use only

CHAIN OF CUSTARY RECORD

Easth 7ech 4342 205121431 12.25.05
Client Name Client # Workorder # Due Date

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Report to:	Bill		į	1 1	Analytica	ai Reque	ests & M	1ethod	1	Custody Seal	-
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GCAL ANALYTICAL LABORATORIES INC.

GULF COAST ANALYTICAL LABORATORIES, INC 7979 GSRI Avenue, Baton Rouge, Louisiana 70820-7402 Phone 225 769 4900 • Fax 225 767 5717 Chain of Cust, Y Record

My Earth Tech

Lab use only

4347 Client # 70512143/

12-28-03

Filone 223.703.4300 - 1 ax 223.707.3717	Client Name			1	Cilent#	1		vorkoider #	Duc Date
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DATA VALIDATION REPORT

FOR

SKINNER LANDFILL SITE

EARTH TECH: PROJECT NUMBER 54280

LABORATORY REPORT NUMBER 205121714

PROJECT MANAGER: Ron Rolker

Date: March 14, 2006

Data Validator: Mark Kromis

LIST OF ACRONYMS

BFB Bromofluorobenzene
CC Continuing Calibration

CCV Continuing Calibration Verification
CCB Continuing Calibration Blanks
CLP Contract Laboratory Program
CRDL Contract Required Detection Limit
DFTPP Decafluorotriphenylphosphine

GC/MS Gas Chromatograph/Mass Spectrometer

IC Initial Calibration

ICB Initial Calibration Blank
IDL Instrument Detection Limit
ICP Inductively Coupled Plasma
ICS Interference Check Sample
ICV Initial Calibration Verification

ILM Inorganic Analysis Multi-Media Multi-Concentration

INDAM Individual A Mixture INDBM Individual B Mixture mg/L milligrams per liter

MS/MSD Matrix Spike/Matrix Spike Duplicate
OLC Organic Analysis Low Concentration

OLM Organic Analysis Multi-Media Multi-Concentration

%D Percent Difference

% RSD Percent Relative Standard Deviation

PB Preparation Blanks
QC Quality Control
RF Response Factor

i mari^{ar}

RPD Relative Percent Difference
RRF Relative Response Factor
SDG Sample Delivery Group
SOW Statement of Work

µg/L micrograms per liter

US EPA United States Environmental Protection Agency

VOC Volatile Organic Compounds VTSR Validated Time of Sample Receipt

DATA VALIDATION SUMMARY – SAMPLE DELIVERY GROUP 205121714 INORGANICS

Validation of the inorganics data, as prepared by Gulf Coast Analytical Laboratories (GCAL) for the samples collected from the Skinner Landfill site in December 2005, was conducted by Earth Tech using the National Functional Guidelines for Inorganic Data Review, (US EPA, February, 1994), as appropriate. The results were reported by GCAL under Sample Delivery Group (SDG) 205121714.

GCAL #	Sample Description
20512171401	SK-SWD03-10116
20512171402	SK-SWD03FD-1016
20512171403	SK-SWD03MS-1016
20512171405	SK-SWD03DUP-1016
20512171407	SK-SWD03-10116 (DISS)
20512171408	SK-SWD03FD-1016 (DISS)
20512171409	SK-SWD03MS-1016 (DISS)
20512171410	SK-SWD03DUP-1016 (DISS)

INTRODUCTION

Analysis Multi-media Multi-concentration ILM04.1 Statement of Work (SOW). Results of the sample analyses are reported by the laboratory as either qualified or unqualified. Unqualified results mean that the reported values maybe used without reservation. The laboratory to denote specific information regarding the analytical results uses various qualifier codes. The data validation process is intended to evaluate the data on a technical basis. The data package also was subjected to an internal laboratory quality review prior to submission to Earth Tech for data validation.

During the validation process, laboratory-qualified and unqualified data are verified against all available supporting documentation. Based on this evaluation, qualifier codes may be added, deleted or modified by the data user. Final results are therefore, either qualified or unqualified. Validator-qualified results are annotated with the following codes in accordance with the Functional Guidelines:

- U The constituent was analyzed for, but was not detected above the level of the associated analytical reporting limit. The associated value is either the sample quantitation limit or the sample detection limit.
- J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

- UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
- R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

Details of the inorganics data validation findings and conclusions are provided in the following sections of this report:

- 1. Holding Times
- 2. Calibration
 - A. Initial Calibration (IC)
 - B. Continuing Calibration (CC)
- 3. Blanks
- 4. Inductively Coupled Plasma (ICP) Interference Check Sample
- 5. Laboratory Control Sample (LCS)
- 6. Duplicate Analysis
- 7. Spike Sample Analysis
- 8. ICP Serial Dilution
- 9. System Performance
- 10. Documentation
- 11. Overall Assessment

1. HOLDING TIMES

All samples for inorganics analyses were analyzed within the 180-day holding time for preserved aqueous samples. Mercury analyses were conducted within the 28-day holding time for aqueous samples undergoing CLP protocol. Cyanide analyses were conducted within the 14-day holding time. The cooler temperature upon receipt at the laboratory was within the recommended temperature of 4°C +/- 2°C.

2. CALIBRATION

A. Initial Calibration

The percent recoveries for the Initial Calibration Verification (ICV) standard were within Quality Control (QC) limits for all constituents.

B. Continuing Calibration

The percent recoveries for the Continuing Calibration Verification (CCV) standard were within QC limits for all constituents.

3. BLANKS

The Initial Calibration Blank (ICB), Continuing Calibration Blanks (CCB) and Preparation Blanks (PB) were analyzed at the appropriate frequencies. No constituents were detected in the ICB, CCB, and PB blanks above the corresponding Contract Required Detection Limit (CRDL) with the exception of Selenium in the ICB analyzed on 1/3/06. As per the National Functional Guidelines; sample results greater than the IDL but less than 5 times the amount found in any blank should be qualified as (U). Technically the samples should have been re-digested and reanalyzed for Selenium. The sample concentration is not to be corrected for the blank value.

4. ICP INTERFERENCE CHECK SAMPLE

Results for the ICP analysis of the Interference Check Sample (ICS) solution AB were within 20% of the true value.

5. LABORATORY CONTROL SAMPLES

Recoveries were within the control limit (80-120%) for all constituents.

6. DUPLICATE ANALYSIS

The laboratory used sample SK-SWD03-1016 (total and dissolved fractions) for the duplicate sample. The Relative Percent Difference (RPD) between the sample and duplicate results for the total and dissolved fractions were within the acceptance criteria (<20%) for all target analytes.

7. SPIKE SAMPLE ANALYSIS

The laboratory used sample SK-SWD03-1016 (total and dissolved) for the matrix spike sample. The MS percent recoveries were within the acceptance criteria (75%-125%).

8. ICP SERIAL DILUTION

" water

As noted in the National Functional Guidelines: If the analyte concentration is at least 50 times above the IDL, its serial dilution analysis must then agree within 10% of the original determination after corrected for dilution. The serial dilution is performed to determine whether any significant chemical or physical interference's exist due to matrix effects. The serial dilution percent differences were within the acceptance criteria for all target analytes with the exception of Barium and Iron associated with the total fraction. As per the National Functional Guidelines, if the serial dilution criterion is not met then qualify the results for that analyte in all associated samples of the same matrix and concentration as estimated "J".

9. SYSTEM PERFORMANCE

The analytical system appears to have been working well at the time of these analyses, based on the evaluation of the raw data.

10. DOCUMENTATION

GCAL qualified the total results for Aluminum with and "E". The original concentration for Aluminum did not meet the criteria of greater than fifty times the IDL and therefore the results should not have been qualified with an "E" qualifier. The data validator made the correction manually.

11. OVERALL ASSESSMENT

The percent recoveries for Selenium in the Contract Required Detection Limit (CRDL) standards analyzed on 12/282/05 were 135% and 129%. As per the National Functional Guidelines, if the CRDL is below 120% then detected results are qualified as estimated with "J".

The percent recoveries for Zinc in the Contract Required Detection Limit (CRDL) standards analyzed on 1/3/06 were 92% and 70%. As per the National Functional Guidelines, if the CRDL is below 120% then detected results are qualified as estimated with "J".

The results are acceptable with the validator-added qualifiers.

DATA VALIDATION SUMMARY – SAMPLE DELIVERY GROUP 205121714 SEMIVOLATILE ORGANICS

Validation of the Gas Chromatograph/Mass Spectrometer (GC/MS) semi-volatile organics data, as prepared by Gulf Coast Analytical Laboratories (GCAL) for the samples collected from the Skinner Landfill site in December 2005, was conducted by Earth Tech using the National Functional Guidelines for Organic Data Review, (US EPA, October, 1999) as appropriate. The results were reported by GCAL under SDG 205121714.

GCAL#	Sample Description
20512171401	SK-SWD03-10116
20512171402	SK-SWD03FD-1016
20512171403	SK-SWD03MS-1016
20512171404	SK-SWD03MSD-1016
20512171411	SK-SWD03-1016 (RE)
20512171412	SK-SWD03MS-1016 (RE)
20512171413	SK-SWD03MSD-1016 (RE)

INTRODUCTION

Analyses were performed according to CLP-Organic Analysis Multi-Media, Multi-Concentration OLM04.2 SOW. Results of the sample analyses are reported by the laboratory as either qualified or unqualified. Unqualified results mean that the reported values may be used without reservation. The laboratory to denote specific information regarding the analytical results uses various data qualifier codes. The data validation process is intended to evaluate the data on a technical basis. The data package also was subjected to an internal laboratory quality review prior to submission to Earth Tech for data validation.

During the validation process, laboratory-qualified and unqualified data are verified against all available supporting documentation. Based on this evaluation, qualifier codes may be added, deleted or modified by the data user. Final results are therefore, either qualified or unqualified. Validator-qualified results are annotated with the following codes in accordance with the Functional Guidelines:

- U The constituent was analyzed for, but was not detected above the level of the associated analytical reporting limit. The associated value is either the sample quantitation limit or the sample detection limit.
- J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

Details of the semivolatile data validation findings and conclusions are provided in the following sections of this report:

- 1. Holding Times
- 2. GC/MS Tuning
- 3. Calibration
 - A. IC
 - B. CC
- 4. Blanks
- 5. System Monitoring Compound Recovery
- 6. MS/MSD
- 7. Internal Standards Performance
- 8. Compound Identification
- 9. Constituent Quantitation and Reported Detection Limits
- 10. System Performance
- 11. Documentation
- 12. Overall Assessment

1. HOLDING TIMES

The cooler temperature upon receipt at the laboratory was within the recommended temperature of 4°C +/- 2°C. All samples were initially extracted within the seven-day technical holding time and the five-day Validated Time of Sample Receipt (VTSR) method holding time. Samples SK-SWD03-1016, SK-SWD03MS-1016, SK-SWD03MSD-1016 were re-extracted do to quality control related issues. The re-extraction was performed outside of the seven-day technical holding time and the five-day Validated Time of Sample Receipt (VTSR) method holding time. As per the National Functional Guidelines, if technical holding times are exceeded, flag all positive results as estimated "J", and non-detected results as estimated "UJ".

2. GC/MS TUNING

The samples were analyzed on a single GC/MS system, identified as MSSV3. Two decafluorotriphenylphosphine (DFTPP) tunes were run representing the shift in which the standards and samples were analyzed. The DFTPP tunes are acceptable.

3. CALIBRATION

A. Initial Calibration

Two IC's dated 1/3/06 and 1/7/06 were analyzed in support of the semivolatile sample analyses. Documentation of the IC was present in the data package, and the Relative Response Factor (RRF), as well as percent % RSD values were accurately reported for all target compounds. The criteria employed for technical data review purposes are different than those used in the method. The laboratory must meet a minimum RRF of 0.01; however, for data review purposes, a RRF criterion of "greater than or equal to 0.05" is applied to all semi-volatile compounds. The RRF's and the average RRF for the IC's were within the acceptance criteria specified in the method for all target compounds

B. Continuing Calibration

Two CC's dated 1/3/06 and 1/7/06 were analyzed in support of the semivolatile sample analyses reported in the data submissions. The percent difference (%D) between the average RRF's and the CC Response Factors for the CC's were within the acceptance criteria.

4. BLANKS

Two laboratory semivolatile method blanks were analyzed with this SDG. The results are summarized below.

Method Blank (MB318430)

Bis-(2-ethylhexyl) phthalate (2.69 ppb) was detected in the blank extracted on 12/19/05.

Method Blank (MB333297)

Bis-(2-ethylhexyl) phthalate (0.935 ppb) was detected in the blank extracted on 1/5/06.

5. SYSTEM MONITORING COMPOUND RECOVERY

All reported semivolatile system monitoring compounds (SMC) were recovered within acceptable control limits except as follows:

	2-Fluorobiphenyl	Terphenyl-d14	Phenol-d5	2,4,6-Tribromophenol
SK-SWD03MSD-101	6 0%	2177%	0%	0%

As per the National Functional Guidelines:

If any two base/neutral or acid surrogates are out of specification, or if any one base/neutral or acid extractable surrogate has a recovery of less than 10 percent, then there should be a re-analysis to confirm that the non-compliance is due to sample matrix effects rather than laboratory deficiencies.

If two or more surrogates in either semivolatile fraction (base/neutral or acid fraction) have a recovery greater than the upper acceptance limit then qualify detected results with "J".

If two or more surrogates in either semivolatile fraction have a recovery greater than or equal to 10 percent but less than the lower acceptance limit qualify detected results for that fraction with "J" and non-detected results with "UJ".

If any surrogate in either fraction shows less than 10% qualify detected analytes for that fraction with "J" and non-detected results for that fraction with "R".

6. MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD)

Sample SK-SWD03-1016 was submitted for MS/MSD analysis. The MS/MSD percent recoveries were within the acceptance criteria with the exception of 4-Nitrophenol associated with the MS and Phenol, N-Nitroso-di-n-propylamine, Acenaphthene, 4-Nitrophenol, 2,4-Dinitrotoulene, Pentachlorophenol, and Pyrene associated with the MSD.

Sample SK-SWD03-1016 was re-extracted for MS/MSD analysis. The re-extracted MS/MSD percent recoveries were within the acceptance criteria with the exception of Pentachlorophenol associated with the MSD.

The %RPD between the MS/MSD for Phenol, N-Nitroso-di-n-propylamine, 4-chloro-3-methylphenol, Acenaphthene, 4-Nitrophenol, 2,4-Dinitrotoluene, Pentachlorophenol, and Pyrene exceeded the acceptance criteria. As per the National Functional Guidelines, no action is taken on MS/MSD data alone.

The %RPD between the re-extracted MS/MSD results were within the acceptance criteria.

7. INTERNAL STANDARDS PERFORMANCE

Internal standard (IS) areas were within acceptable limits for the reported semivolatile sample analyses except as follows:

Acenaphthene-d10 (0%), Phenanthrene-d10 (extremely low), Crysene-d12 (extremely low), and Perylene-d12 (0%) associated with sample SK-SWD03MSD-1016;

As per the National Functional Guidelines: if an IS area count for a sample or blank is outside - 50 percent or +100 percent of the area for the associated standard:

a. Positive results for compounds quantitated using that IS should be qualified with "J".

- b. Non-detected compounds quantitated using an IS area count less than 50 percent are reported as the associated sample quantitation limit and qualified with "UJ".
- c. If extremely low area counts are reported, or if performance exhibits a major abrupt drop-off, then a severe loss of sensitivity is indicated. Non-detected target compounds should then be qualified as unusable (R).

It should be noted that sample SK-SWD03MSD-1016 was re-extracted and re-analyzed. The IS for the re-extracted sample were within the acceptance criteria.

8. COMPOUND IDENTIFICATION

All reported semivolatile constituents were correctly identified with supporting chromatograms present in the data package.

9. CONSTITUENT QUANTITATION AND REPORTED DETECTION LIMITS

Constituent quantitations were correctly calculated and reported for semivolatile constituents.

10. SYSTEM PERFORMANCE

The analytical system appears to have been working well at the time of these analyses, based on the evaluation of the raw data submitted for review.

11. DOCUMENTATION

There was no extraction date or preparation method listed on Form I SV-TIC. The data validator manually made the correction.

12. OVERALL ASSESSMENT

Samples SK-SWD03-1016 and SK-SWD03FD-1016 should be used for reporting purposes. The results are acceptable with the validator-added qualifiers.

DATA VALIDATION SUMMARY – SAMPLE DELIVERY GROUP 205121714 VOLATILE ORGANIC

Validation of the GC/MS volatile organics data, as prepared by Gulf Coast Analytical Laboratories (GCAL) for the samples collected from the Skinner Landfill site in December 2005, was conducted by Earth Tech using the National Functional Guidelines for Organic Data Review, (US EPA, October, 1999), as appropriate. The results were reported by GCAL under SDG 205121714.

GCAL#	Sample Description
20512171401	SK-SWD03-10116
20512171402	SK-SWD03FD-1016
20512171403	SK-SWD03MS-1016
20512171404	SK-SWD03MSD-1016

INTRODUCTION

Analyses were performed according to CLP-Organic Analysis Low Concentration OLC02.0 SOW. Results of the sample analyses are reported by the laboratory as either qualified or unqualified. Unqualified results mean that the reported values may be used without reservation. The laboratory to denote specific information regarding the analytical results uses various qualifier codes. The data validation process is intended to evaluate the data on a technical basis. The data package also was subjected to an internal laboratory quality review prior to submission to Earth Tech for data validation.

During the validation process, laboratory-qualified and unqualified data are verified against all available supporting documentation. Based on this evaluation, qualifier codes may be added, deleted or modified by the data user. Final results are therefore, either qualified or unqualified. Validator-qualified results are annotated with the following codes in accordance with the Functional Guidelines:

- U The constituent was analyzed for, but was not detected above the level of the associated analytical reporting limit. The associated value is either the sample quantitation limit or the sample detection limit.
- J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
- R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

The volatiles data validation findings and conclusions are provided in the following sections of this report:

1. Holding Times

4- mar*

- 2. GC/MS Tuning
- 3. Calibration
 - A. IC
 - B. CC
- 4. Blanks
- 5. System Monitoring Compound Recovery
- 6. MS/MSD
- 7. Laboratory Control Sample
- 8. Internal Standards Performance
- 9. Compound Identification
- 10. Constituent Quantitation and Reported Detection Limits
- 11. System Performance
- 12. Documentation
- 13. Overall Assessment

1. HOLDING TIMES

All samples for Volatile Organic Compounds (VOC) analyses were analyzed within the 14-day technical holding time and the 10-day VTSR method holding time. The cooler temperature upon receipt at the laboratory was within the recommended temperature of 4°C +/- 2°C.

2. GC/MS TUNING

The samples were analyzed on one GC/MS system, identified as MSV7 One bromofluorobenzene (BFB) tune was run on MSV7. The BFB tune is acceptable.

3. CALIBRATION

A. Initial Calibration

One IC dated 12/23/05 was analyzed on instrument MSV7 in support of the volatile sample analyses reported in the data submissions. Documentation of the IC standards is present in the data package, and RRF's as well as %RSD values were accurately reported. The criteria employed for technical data review purposes are different than those used in the method. The laboratory must meet a minimum RRF of 0.01; however, for data review purposes, a RRF criterion of "greater than or equal to 0.05" is applied to all volatile compounds.

The RRF's and the average RRF for the IC were within the acceptance criteria specified in the method for all target compounds.

The %RSD's were within the acceptance criteria specified in the method for all target analytes with the exception of Bromoform. The data validator dropped the lowest point of the calibration curve and recalculated the %RSD. The recalculated %RSD is within the acceptance criteria.

B. Continuing Calibration

One CC dated 12/23/05 was analyzed on instrument MSV7 in support of the volatile sample analyses reported in the data submissions. The percent difference (%D) between the average RRF's and the CC RF's were within the acceptance criteria for all target compounds. The CC RRF's for the CC were within the acceptance criteria specified in the method for all target compounds.

4. BLANKS

One laboratory volatile method blank, and storage blank were analyzed with this SDG. The results are summarized below.

MB320767

Acetone (3 ppb) was detected in the method blank analyzed on 12/23/05 (2204).

Storage Blank (VHBLK)

Acetone (4.5 ppb) was detected in the Storage Blank analyzed on 12/24/05.

5. SYSTEM MONITORING COMPOUND RECOVERY

All reported volatile system monitoring compounds (SMC) were recovered within acceptable control limits (80%-120%).

6. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Sample SK-SWD03-1016 was submitted for the MS/MSD analysis. The MS/MSD percent recoveries were within the acceptance criteria.

7. LABORATORY CONTROL SAMPLE

One Laboratory Control Sample was analyzed in conjunction with this SDG. Recoveries were within the control limit for all constituents.

8. INTERNAL STANDARDS PERFORMANCE

Internal Standard (IS) areas and retention times were within acceptable limits for the reported volatile sample analyses.

9. COMPOUND IDENTIFICATION

All reported VOCs were correctly identified with supporting chromatograms present in the data package.

10. CONSTITUENT QUANTITATION AND REPORTED DETECTION LIMITS

Constituent quantitations were correctly calculated and reported for VOCs.

11. SYSTEM PERFORMANCE

The analytical system appears to have been working well at the time of these analyses, based on the evaluation of the raw data.

12. **DOCUMENTATION**

GCAL recorded a "U" qualifier in the "Q" field for Acetone on the Form I VOA for MB320767 (Acetone was detected at a concentration of 3 ppb) and an "E" qualifier in the "Q" field for 1,2-Dichloroethene on the Form I VOA for samples SK-SWD03MS-1016 and SK-SWD03MSD-1016. The data validator manually corrected the "U" qualifier to a "J" qualifier for the Acetone result and struck a line through the "E" qualifier that was associated with the 1,2-dichloroethene results.

13. OVERALL ASSESSMENT

The results are acceptable with the validator-added qualifiers.

DATA VALIDATION SUMMARY - SAMPLE DELIVERY GROUP 205121714 PESTICIDES

Validation of the Gas Chromatography (GC) pesticides data, as prepared by Gulf Coast Analytical Laboratories (GCAL) for the samples collected from the Skinner Landfill site in December 2005, was conducted by Earth Tech using the National Functional Guidelines for Organic Data Review, (US EPA, October, 1999), as appropriate. The results were reported by GCAL under SDG 205121714.

GCAL#	Sample Description
20512171401	SK-SWD03-10116
20512171402	SK-SWD03FD-1016
20512171403	SK-SWD03MS-1016
20512171404	SK-SWD03MSD-1016

INTRODUCTION

Analyses were performed according to CLP-Organic Analysis Multi-Media, Multi-Concentration OLM04.2 SOW. Results of the sample analyses are reported by the laboratory as either qualified or unqualified. Unqualified results mean that the reported values may be used without reservation. Various qualifier codes are used by the laboratory to denote specific information regarding the analytical results.

The data validation process is intended to evaluate the data on a technical basis. The data package also was subjected to an internal laboratory quality review prior to submission to Earth Tech for data validation.

During the validation process, laboratory-qualified and unqualified data are verified against all available supporting documentation. Based on this evaluation, qualifier codes may be added, deleted or modified by the data user. Final results are therefore, either qualified or unqualified. Validator-qualified results are annotated with the following codes in accordance with the Functional Guidelines:

- U The constituent was analyzed for, but was not detected above the level of the associated analytical reporting limit. The associated value is either the sample quantitation limit or the sample detection limit.
- J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

Details of the pesticide data validation findings and conclusions are provided in the following sections of this report:

- 1. Holding Times
- 2. Gas Chromatograph/Electronic Capture Detector (GC/ECD) Instrument Performance Check
- 3. IC
- 4. Calibration Verification
- 5. Blanks
- 6. Surrogate Spikes
- 7. Matrix Spike/Matrix Spike Duplicate (MS/MSD)
- 8. Pesticide Cleanup Checks
- 9. Target Compound Identification
- 10. Constituent Quantitation and Reported Detection Limits
- 11. Documentation
- 12. Overall Assessment

1. HOLDING TIMES

The cooler temperature upon receipt at the laboratory was within the recommended temperature of 4°C +/- 2°C. All samples were initially extracted within the seven-day technical holding time and the five-day Validated Time of Sample Receipt (VTSR) method holding time. All samples were re-extracted do to quality control related issues. The re-extraction was performed outside of the seven-day technical holding time and the five-day Validated Time of Sample Receipt (VTSR) method holding time. As per the National Functional Guidelines, if technical holding times are exceeded, flag all positive results as estimated "J", and non-detected results as estimated "UJ".

2. GC/ECD INSTRUMENT PERFORMANCE CHECK

The Performance Evaluation Mixture (PEM) was analyzed at the correct frequency. Absolute retention times were within limits.

The percent resolution between adjacent peaks was within QC limits for the Pesticide Analyte Resolution Check. The percent resolution between adjacent peaks is within QC limits for the Performance Evaluation Mixtures (PEM).

The percent breakdown for both 4,4'-DDT and Endrin in each PEM was less than 20.0% for both GC columns. The combined percent breakdown for 4,4'-DDT and Endrin in each PEM was less than 30.0% for both GC columns.

3. INITIAL CALIBRATION

Individual standard mixtures A and B were analyzed at the correct frequencies and concentrations. The percent resolution criterion for Individual standard mixtures A and B were within the acceptance criteria.

The Percent Relative Standard Deviation (%RSD) of the calibration factors for each of the single component pesticides was less than 20%. The multi-component target compounds were analyzed separately on both columns at a single concentration level. Retention times were determined from a minimum of three peaks.

4. CALIBRATION VERIFICATION

Absolute retention times were within appropriate time retention windows. The percent difference for each of the pesticides and surrogates in the PEM's were within the acceptance criteria of ± 25.0 percent for the calibration verifications.

The percent difference for each of the pesticides and surrogates in the midpoint concentration of the Individual Standard Mixtures A and B was within the acceptance criteria of ± 25.0 percent.

5. BLANKS

One laboratory method blank was analyzed with this SDG. The results are summarized below.

Method Blank 318434

No constituents were detected above the laboratory-reporting limit. This blank corresponds to all samples extracted on 12/20/05.

6. SURROGATE SPIKES

Decachlorobiphenyl (DCB) and tetrachloro-m-xylene (TCX) surrogate spike recoveries were within the acceptance criteria (30% - 150%) for all samples.

7. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Sample SK-SWD03-1016 was submitted for MS/MSD analysis. The MS/MSD percent recoveries were within the acceptance criteria with the exception of Lindane (38%/41%). As per the National Functional Guidelines, no action is taken on MS/MSD data alone.

8. PESTICIDE CLEANUP CHECKS

Recoveries of all pesticides and surrogates were within 80-120% for the lot of Florisil cartridges utilized for pesticide cleanup.

9. TARGET COMPOUND IDENTIFICATION

All reported pesticide data were correctly identified with supporting chromatograms present in the data package.

10. CONSTITUENT QUANTITATION AND REPORTED DETECTION LIMITS

Constituent quantitations were correctly calculated and reported for pesticide constituents.

11. DOCUMENTATION

The documentation submitted for review appeared accurate and in order.

12. OVERALL ASSESSMENT

The results are acceptable as reported by the laboratory.

REFERENCES

US EPA, 1994. National Functional Guidelines for Inorganic Data Review.

US EPA, 1999. National Functional Guidelines for Organic Data Review.



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ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

Report Date 02/03/2006

GCAL Report 205121714

Deliver To Earth Tech 2373 Progress St Hebron, KY 41048

859-442-2300

Attn Pat Higgins

Customer Earth Tech

Project Skinner Landfill

CASE NARRATIVE

Client: Earth Tech Report: 205121714

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the sample cross-reference page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

METALS

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In the ILM04.1 - CLP Metals analysis, sample 20512171408 (SK-SWD03FD-1016 (DISS)) had to be diluted in order to bracket the concentration of a target element within the linear dynamic range of the instrument.

In the ILM04.1 - CLP Metals analysis for prep batch 310812, Aluminum, Barium and Iron are flagged as estimated for samples due to the fact that the percent difference between the original sample result and the serial dilution is greater than 10. A chemical or physical interference is suspected.

In the ILM04.1 – CLP Metals analysis, the Dissolved Calcium, Magnesium, and Sodium concentrations are slightly greater than the Total Calcium, Magnesium, and Sodium concentrations for samples 20512171401 (SK-SWD03-1016) and 20512171407 (SK-SWD03-1016 (DISS)). The Dissolved Sodium concentration is greater than the Total Sodium concentration for samples 20512171402 (SK-SWD03FD-1016) and 20512171407 (SK-SWD03FD-1016 (DISS)) and 20512171405 (SK-SWD03DUP-1016) and 20512171407 (SK-SWD03DUP-1016 (DISS)).

SEMI-VOLATILES MASS SPECTROMETRY

In the OLMO4.2 Semi-Volatile analysis, sample 20512171404 (SK-SWD03MSD-1016) had an interference with the internal standards and several surrogates were outside control limits. Samples 20512171401 (SK-SWD03-1016), 20512171403 (SK-SWD03MS-1016) and 20512171404 (SK-SWD03MSD-1016) were re-extracted outside holding time and reanalyzed as samples 20512171411 (SK-SWD03-1016 (RE)), 20512171412 (SK-SWD03MS-1016 (RE)) and 20512171413 (SK-SWD03MSD-1016 (RE)).

In the OLMO4.2 Semi-Volatile analysis for prep batch 310339, the MS/MSD exhibited sporadic recovery and RPD failures. All LCS/LCSD recoveries and RPDs were acceptable. This is attributed to matrix interference.

In the OLMO4.2 Semi-Volatile analysis for prep batch 314294, the MS/MSD exhibited sporadic recovery failures. All LCS/LCSD recoveries and RPDs were acceptable. This is attributed to matrix interference.

SEMI-VOLATILES GAS CHROMATOGRAPHY

1+100P**

In the OLMO4.2 Pest/PCB analysis for prep batch 310340, the MS/MSD exhibited sporadic recovery failures. These recoveries were within limits in the LCS and/or LCSD. This is attributed to a matrix interference.

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

Common Abbreviations Utilized in this Report

ND Indicates the result was Not Detected at the specified RDL

DO Indicates the result was Diluted Out

MI Indicates the result was subject to Matrix Interference
TNTC Indicates the result was Too Numerous To Count

SUBC Indicates the analysis was Sub-Contracted

FLD Indicates the analysis was performed in the Field

PQL Practical Quantitation Limit
MDL Method Detection Limit
RDL Reporting Detection Limit

00:00 Reported as a time equivalent to 12:00 AM

Reporting Flags Utilized in this Report

J Indicates an estimated value

U Indicates the compound was analyzed for but not detected

B (ORGANICS) Indicates the analyte was detected in the associated Method Blank

B (INORGANICS) Indicates the result is between the RDL and MDL

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with ISO Guide 25 and NELAC, this report shall be reproduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

CURTIS EKKER

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DATA VALIDATION MANAGER GCAL REPORT 205121714

THIS REPORT CONTAINS 484 PAGES.

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20512171401	SK-SWD03-1016	Water	12/15/2005 10:07	12/17/2005 09:35
20512171402	SK-SWD03FD-1016	Water	12/15/2005 11:30	12/17/2005 09:35
20512171403	SK-SWD03MS-1016	Water	12/15/2005 10:20	12/17/2005 09:35
20512171404	SK-SWD03MSD-1016	Water	12/15/2005 10:26	12/17/2005 09:35
20512171405	SK-SWD03DUP-1016	Water	12/15/2005 10:26	12/17/2005 09:35
20512171406	VHBLK	Water		12/17/2005 09:35
20512171407	SK-SWD03-1016 (DISS)	Water	12/15/2005 10:07	12/17/2005 09:35
20512171408	SK-SWD03FD-1016 (DISS)	Water	12/15/2005 11:30	12/17/2005 09:35
20512171409	SK-SWD03MS-1016 (DISS)	Water	12/15/2005 10:20	12/17/2005 09:35
20512171410	SK-SWD03DUP-1016 (DISS)	Water	12/15/2005 10:26	12/17/2005 09:35
20512171411	SK-SWD03-1016 (RE)	Water	12/15/2005 10:07	12/17/2005 09:35
20512171412	SK-SWD03MS-1016 (RE)	Water	12/15/2005 10:20	12/17/2005 09:35
20512171413	SK-SWD03MSD-1016 (RE)	Water	12/15/2005 10:26	12/17/2005 09:35

1A VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPL	F	NO
SAMPL	ᇎ	NO

SK-SWD03-1016

Lab Name: GC	AL Contract:					
	24 Case No.:				1714	
) Water					
	25 (g/ml) mL	Lab Sample ID:	2051217140	01	manufacture or according to \$1.00°, on the original day,	
Level: (low/med)	g ann air an amh-air de de channaigh, agus agus agus Mhannaig na naoig agus Mhannaig agus an channaig agus Air			ر المعلق المعادلات منيف فيها مهلك فارستان والادراء الادراء الادراء الماسيف		
	BC.			Time: 1		
	3-624-30M ID: .53 (mm)	Date Received:	12/17/05	nga unganaman dan sa salahan menganan mengan yang dinangkan berangkan	O lebba www.go jily jiyy marindaki nanaka na maya	
Instrument ID: N	ASV7	Date Analyzed:	12/23/05	Time: 2	239	
	ne: (µL)			Analyst:		
Soi Aliquot Volum	e: (µL)	Prep Batch:		Analytical	Batch: 311114	
CONCENTRAT	ION UNITS: ug/L	Analytical Method				
CAS NO.	COMPOUND	RESULT	Q	MDL	RL	
71-55-6	1,1,1-Trichloroethane	1.0	υ	0.010	1.0	7
79-34-5	1,1,2,2-Tetrachloroethane	1.0	Ü	0.010	1.0	7
79-00-5	1,1,2-Trichloroethane	1.0	U	0.010	1.0	٦
75-34-3	1,1-Dichloroethane	1.0	U	0.010	1.0	7
75-35-4	1,1-Dichloroethene	1.0	U	0.010	1.0	7
1:20-82-1	1,2,4-Trichlorobenzene	1.0	Ü	0.010	1.0	7
106-93-4	1,2-Dibromoethane	1.0	U	0.010	1.0	7
95-50-1	1,2-Dichlorobenzene	1.0	U	0.010	1.0	٦
107-06-2	1,2-Dichloroethane	1.0	U	0.010	1.0	7
540-59-0	1,2-Dichloroethene	1.0	U	0.010	1.0	7
78-87-5	1,2-Dichloropropane	1.0	U	0.010	1.0	
541-73-1	1,3-Dichlorobenzene	1.0	U	0.010	1.0	7
106-46-7	1,4-Dichlorobenzene	1.0	U	0.010	1.0	7
78-93-3	2-Butanone	5.0	U	0.010	5.0	٦
591-78-6	2-Hexanone	5.0	U	0.010	5.0	7
1C8-10-1	4-Methyl-2-pentanone	5.0	U	0.010	5.0]
67-64-1	Acetone	8.1	В	0.010	5.0] U
71-43-2	Benzene	1.0	Ü	0.010	1.0]
75-27-4	Bromodichloromethane	1.0	U	0.010	1.0	╛
75-25-2	Bromoform	1.0	U	0.010	1.0]
74-83-9	Bromomethane	1.0	U	0.010	1.0]
75-15-0	Carbon disulfide	1.0	U	0.010	1.0	╛
56-23-5	Carbon tetrachloride	1.0	U	0.010	1.0	
108-90-7	Chlorobenzene	1.0	U	0.010	1.0]
75-00-3	Chloroethane	1.0	U	0.010	1.0]
67-66-3	Chloroform	1.0	U	0.010	1.0	_]
74-87-3	Chloromethane	1.0	U	0.010	1.0	_
124-48-1	Dibromochloromethane	1.0	Ú	0.010	1.0	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	0.010	1.0]
10061-02-6	trans-1,3-Dichloropropene	1.0	U	0.010	1.0]
100-41-4	Ethylbenzene	1.0	U	0.010	1.0]

FORM I VOA

1A VOLATILE ORGANICS ANALYSIS DATA SHEET

S	ΑM	PL	Ε	NO

SK-SWD03-1016

Lab Name: GCAL	Co	ntract:	te yangan kalangan mengalakkan yangan dari yang dan dan dari dari dari dari dari dari dari dari		was released described in	
	Case No.:					1714
Matrix: (soil/water)	Water					
Sample wt/vol: 25	(g/ml) mL	ndga strendringer men sein att	Lab Sample ID:	2051217140	1	cans succe that incommen about tripletting south
Level: (low/med)	radigajak kanak 1970-lan, disabbupak sakahan kanakat kanamarkan suka disabupak sa	to the second second second	Lab File ID: 20	51223/42074		aga shirkandi wali na ili siri si ngapapiliki ajuli swahi ka
	elitable discover trademical prints are followers, with describing application is a		Date Collected:	12/15/05	Time: 1	007
	24-30M ID: .53					des attributes de l'administrative et l'acceptant
Instrument ID: MS\	/7	ton such it magazines cope in				239
	الله المعادل في المراجعة الإنجاز القابطة الربط الربادة الي الربط الهوالية المعادلية (المسيحة المطال القاربية)		Dilution Factor:	1	Analyst:	JCK
Soil Aliquot Volume: (µL)			Prep Batch: Analytical Batch: 311			Batch: 311114
CONCENTRATION	N UNITS: ug/L		Analytical Method			
CAS NO.	OMPOUND		RESULT	Q	MDL	RL
75-09-2	Methylene chloride		2.0	υ	0.010	2.0
100-42-5	Styrene		1.0	U	0.010	1.0
127-18-4	Tetrachloroethene		1.0	U	0.010	1.0
105-88-3	Toluene		1.0	Ü	0.010	1.0
79-01-6	Trichloroethene		1.0	U	0.010	1.0
75-01-4	Vinyl chloride		1.0	U	0.010	1.0
13:30-20-7	Xylene (total)		1.0	U	0.010	1.0

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.	
SK-SWD03-1016	

Lab Name: GCAL	_Contract:	a. vyyddiffiaith felling fy'r anwyrau, aif wy y gaellau y cynn ydd fe'r yr glynau y diffiai	L	
Lab Code: LA024 Case No.:	and appear an experience stranger on the	SAS No.:	SDG No.: 205	5121714
Matrix: Water	pula thur diff rationally are a decident process	Lab Sample ID:	20512171401	ngik sajaan iyaku, ngisha ang galanda unagang inasi. Munimirin ki hinsu na in wari
Sample wt/vol: Units:	e opposite de la compansa del compansa del compansa de la compansa	Lab File ID: 20	51223/A2074	PRODUCES AND PROPERTY OF THE P
Level: (low/med)	mens d 1986 is some dom serve.	Date Collected:	12/15/05 Time:	1007
% Moisture: not dec.		Date Received:	12/17/05	a kassanda a sakka andalam inda a jaka nga jaka a kaya. Mala shamba dak ika inga sambaba.
GC Column: DB-624-30M ID: .53	(mm)	Date Analyzed:	12/23/05 Time:	2239
Instrument ID: MSV7	nagy pagaman kina sinagy tao - ao anthan in	Dilution Factor:	1 Analyst	: JCK
Soil Extract Volume:	(µL)			
Soil Aliquot Volume:	(µL)			
Number TICs Found: 0 CONCENTRATION UNITS: ug/L				
CAS NO. COMPOUND		RT	EST. CONC.	Q
1. No tics detected				

1A VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-SWD03FD-1016

Lab Name: GCAL	Contract:	na santana tanàna mandri	and the second s			
ab Code: LA024 Case No						
Matrix: (soil/water) Water		undergerant to broke to	or do. at the artists a consequence	***************************************	A September of September (1986) and the September A September 1984 and 1984	
Sample wt/vol: 25 (g/ml) ml		Lab Sample ID:	20512171402	2		
evel: (low/med)					on the second of the second	
% Moisture: not dec.	to address pay repaire one observage and against the execu-			Time: 1		
GC Column: DB-624-30M ID): .53 (mm)	Date Received:	12/17/05		erri den seka sakabanyangan pungga darah kalaban dan seka	
nstrument ID: MSV7					302	
Soil Extract Volume:						
				Analyst: JCK		
Soil Aliquot Volume:	(µL)				Batch: 311114	
CONCENTRATION UNITS: ug/L		Analytical Method	d: OLCO 2.1	The second secon		
CAS NO. COMPOUND		RESULT	Q	MDL	RL	
71-55-6 1,1,1-Trichloroethan	e	1.0	1 0 1	0.010	1.0	
79-34-5 1,1,2,2-Tetrachloroe		1.0	1 0	0.010	1.0	
79-00-5 1,1,2-Trichloroethan	e	1.0	1 0	0.010	1.0	
75-34-3 1,1-Dichloroethane		1.0	U	0.010	1.0	
75-35-4 1,1-Dichloroethene		1.0	U	0.010	1.0	
120-82-1 1,2,4-Trichlorobenze	ene	1.0	U	0.010	1.0	
106-93-4 1,2-Dibromoethane		1.0	U	0.010	1.0	
95-50-1 1,2-Dichlorobenzene)	1.0	U	0.010	1.0	
107-06-2 1,2-Dichloroethane		1.0	U	0.010	1.0	
540-59-0 1,2-Dichloroethene		1.0	U	0.010	1.0	
78-87-5 1,2-Dichloropropane		1.0	U	0.010	1.0	
541-73-1 1,3-Dichlorobenzene		1.0	U	0.010	1.0	
106-46-7 1,4-Dichlorobenzene	:	1.0	U	0.010	1.0	
78-93-3 2-Butanone		5.0	U	0.010	5.0	
591-78-6 2-Hexanone		5.0	U	0.010	5.0	
108-10-1 4-Methyl-2-pentanon	е	5.0	υ	0.010	5.0	
67-64-1 Acetone		5.1	В	0.010	5.0	
71-43-2 Benzene		1.0	U	0.010	1.0	
75-27-4 Bromodichlorometha	ne	1.0	U	0.010	1.0	
75-25-2 Bromoform		1.0	U	0.010	1.0	
74-83-9 Bromomethane		1.0	U	0.010	1.0	
75-15-0 Carbon disulfide		1.0	U	0.010	1.0	
56-23-5 Carbon tetrachloride		1.0	U	0.010	1.0	
108-90-7 Chlorobenzene		1.0	U	0.010	1.0	
75-00-3 Chloroethane		1.0	U	0.010	1.0	
67-66-3 Chloroform		1.0	U	0.010	1.0	
74-87-3 Chloromethane		1.0	U	0.010	1.0	
124-48-1 Dibromochlorometha		1.0	U	0.010	1.0	
10 361-01-5 cis-1,3-Dichloroprope		1.0	U	0.010	1.0	
10061-02-6 trans-1,3-Dichloropro	pene	1.0	U	0.010	1.0	
100-41-4 Ethylbenzene		1.0	U	0.010	1.0	

FORM I VOA

1A VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SK-SWD03FD-1016

Lab Name: GCAL Co	ontract:	all designations are species resignated as a substitution for the con-		· · · · · · · · · · · · · · · · · · ·	
Lab Code: LA024 Case No.:					1714
Matrix: (soil/water) Water					
Sarnple wt/vol: 25 (g/ml) mL		Lab Sample ID:	2051217140	2	Parkli duca na se sense den anticome a pri still i sinomi di
Level: (low/rned)		Lab File ID: 205	1223/A2075	en y nyapanya gapaka an hin in man dalaharan in mana dalaharan in mang ber	and the second s
% Moisture: not dec.		Date Collected:	12/15/05	Time: 1	130
GC Column: DB-624-30M ID: .53				aller galley angles y and responsible and stage of the contract of the contrac	
Instrument ID: MSV7				Time: 2	
Soil Extract Volume:				Analyst:	
Soil Aliquot Volume: (µL)					
CONCENTRATION UNITS: ug/L		Analytical Method			
CAS NO. COMPOUND		RESULT	Q	MDL	RL
7:5-09-2 Methylene chloride		2.0	U	0.010	2.0
100-42-5 Styrene		1.0	U	0.010	1.0
1:27-18-4 Tetrachloroethene		1.0	U	0.010	1.0
108-88-3 Toluene		1.0	U	0.010	1.0
7:3-01-6 Trichloroethene		1.0	U	0.010	1.0
7:5-01-4 Vinyl chloride		1.0	U	0.010	1.0
1:330-20-7 Xylene (total)		1.0	U	0.010	1.0

1E VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

SK-SWD03FD-1016 Lab Name: GCAL Contract: Lab Code: LA024 Case No.: SDG No.: 205121714 SAS No.: Matrix: Water Lab Sample ID: 20512171402 Sample wt/vol: Units: Lab File ID: 2051223/A2075 Date Collected: 12/15/05 Time: 1130 Level: (low/med) % Moisture: not dec. Date Received: 12/17/05 GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 12/23/05 Time: 2302 Instrument ID: MSV7 Dilution Factor: 1 Analyst: JCK Soil Extract Volume: (µL) Soil Aliquot Volume: (µL) Number TICs Found: 0 CONCENTRATION UNITS: ug/L

RT

EST. CONC.

CAS NO.

COMPOUND

No tics detected

Lab Name: 0	GCAL	Sample ID:	SK-SWD03	3-1016	
	A024 Case No.:			**************************************	
SAS No.:	SDG No.: 205121714				
Matrix: Wate	r	Lab Sample II	D: 205121	71401	
Sample wt/vol:	1000 Units: mL			5 Time	: 1007
Level: (low/med		Date Receive			
% Moisture:	decanted: (Y/N)	Date Extracte	d: 12/19/0	5	
	DB-5MS-30M ID: .25 (mm)	Date Analyzed	d: 01/07/0	6 Time	e: 1918
Concentrated E	extract Volume: 1000 (µL)	Dilution Facto	r: 1	Ana	yst: JAR3
Injection Volum	e; 1.0 (μL)	Prep Method:	OLM4.2	SVOA	
	(Y/N) N pH:	Analytical Met	hod: OLM	10 4.2	
		Instrument ID:	MSSV3		The strange and state of the strange of the state of the
CONCENTRAT	ION UNITS: ug/L			Analytical Ba	
CAS NO.	COMPOUND	RESULT		MDL	RL
95-95-4	2,4,5-Trichlorophenol	10.0] U	0.010	10.0
88-06-2	2,4,6-Trichlorophenol	10.0	U	0.010	10.0
120-83-2	2,4-Dichlorophenol	10.0	U	0.010	10.0
51-28-5	2,4-Dinitrophenol	25.0	U	0.010	25.0
121-14-2	2,4-Dinitrotoluene	10.0	U	0.010	10.0
606-20-2	2,6-Dinitrotoluene	10.0	U	0.010	10.0
91-58-7	2-Chloronaphthalene	10.0	U	0.010	10.0
95-57-8	2-Chlorophenol	10.0	U	0.010	10.0
91-57-6	2-Methylnaphthalene	10.0	U	0.010	10.0
88-74-4	2-Nitroaniline	25.0	Ū	0.010	25.0
88-75-5	2-Nitrophenol	10.0	U	0.010	10.0
91-94-1	3,3'-Dichlorobenzidine	10.0	U	0.010	10.0
99-09-2	3-Nitroaniline	25.0	U	0.010	25.0
534-52-1	2-Methyl-4,6-dinitrophenol	25.0	Ų	0.010	25.0
59-50 - 7	4-Chloro-3-methylphenol	10.0	U	0.010	10.0
106-47-8	4-Chloroaniline	10.0	U	0.010	10.0
7005-72-3	4-Chlorophenyl-phenylether	10.0	U	0.010	10.0
106-44-5	4-Methylphenol (p-Cresol)	10.0	U	0.010	10.0
83-32-9	Acenaphthene	10.0	U	0.010	10.0
208-96-8	Acenaphthylene	10.0	U	0.010	10.0
120-12-7	Anthracene	10.0	U	0.010	10.0
56-55-3	Benzo(a)anthracene	10.0	U	0.010	10.0
50-3 2- 8	Benzo(a)pyrene	10.0	U	0.010	10.0
205-99-2	Benzo(b)fluoranthene	10.0	υ	0.010	10.0
191-24-2	Benzo(g,h,i)perylene	10.0	U	0.010	10.0
207-08-9	Benzo(k)fluoranthene	10.0	Ú	0.010	10.0
111-91-1	Bis(2-Chloroethoxy)methane	10.0	U	0.010	10.0
111-44-4	Bis(2-Chloroethyl)ether	10.0	U	0.010	10.0
108-60-1	bis(2-Chloroisopropyl)ether	10.0	Ü	0.010	10.0

Lab Name: (GCAL	Sample ID:	SK-SWD03	3-1016		
	A024 Case No.:					
	SDG No.: 205121714					
	[Lab Sample ID: 20512171401				
	1000 Units: mL)5 Time:	1007	
					1007	
Level: (low/me	d) LOW			05		
% Moisture:	decanted: (Y/N)	Date Extracte	d: 12/19/0)5	Madagas No. 10 at 15	
GC Column:	DB-5MS-30M ID: .25 (mm)	Date Analyze	d: 01/07/0	06 Time	: 1918	
	Extract Volume: 1000 (µL)	Dilution Facto	or: 1	Anal	yst: JAR3	
	ne: 1.0 (µL)	Prep Method:				
				лО 4.2		
GPC Cleanup:	(Y/N) N pH:					
CONCENTER	SIGN UNITS:	Instrument ID	: MSSV3			
CONCENTRAT	TION UNITS: ug/L	Prep Batch:	310339	Analytical Ba	atch: 312113	
CAS NO.	COMPOUND	RESULT	Q	MDL	RL	
117-81-7	bis(2-ethylhexyl)phthalate	10.01.64	JB	0.010	10.0	
10 ⁻ 55-3	4-Bromophenyl-phenylether	10.0	U	0.010	10.0	
85-68-7	Butylbenzylphthalate	10.0	U	0.010	10.0	
86-74-8	Carbazole	10.0	U	0.010	10.0	
218-01-9	Chrysene	10.0	U	0.010	10.0	
84-74-2	Di-n-butylphthalate	10.0	U	0.010	10.0	
117-84-0	Di-n-octylphthalate	10.0	U	0.010	10.0	
53-70-3	Dibenz(a,h)anthracene	10.0	U	0.010	10.0	
132-64-9	Dibenzofuran	10.0	U	0.010	10.0	
84-56-2	Diethylphthalate	10.0	U	0.010	10.0	
131-11-3	Dimethyl-phthalate	10.0	U	0.010	10.0	
105-67-9	2,4-Dimethylphenol	10.0	U	0.010	10.0	
206-44-0	Fluoranthene	10.0	U	0.010	10.0	
86-73-7	Fluorene	10.0	Ū	0.010	10.0	
118-74-1	Hexachlorobenzene	10.0	U	0.010	10.0	
87-68-3	Hexachlorobutadiene	10.0	U	0.010	10.0	
77-47-4	Hexachlorocyclopentadiene	10.0	Ü	0.010	10.0	
67-72-1	Hexachloroethane	10.0	U	0.010	10,0	
193-39-5	Indeno(1,2,3-cd)pyrene	10.0	U	0.010	10,0	
78-59-1	Isophorone	10.0	U	0.010	10.0	
91-:20-3	Naphthalene	10.0	U	0.010	10.0	
100-01-6	4-Nitroaniline	25.0	U	0.010	25.0	
98-95-3	Nitrobenzene	10.0	U	0.010	10.0	
100-02-7	4-Nitrophenol	25.0	U	0.010	25.0	
87-86-5	Pentachlorophenol	25.0	U	0.010	25.0	
85-()1-8	Phenanthrene	10.0	U	0.010	10.0	
108-95-2	Phenol	10.0	U	0.010	10.0	
129-00-0	Pyrene	10.0	U	0.010	10.0	
621-64-7	N-Nitroso-di-n-propylamine	10.0	U	0.010	10.0	

Lab Name: GCAL	Sample ID: SK-SWD03-1016
Lab Code: LA024 Case No.:	Contract:
SAS No.: SDG No.: 205121714	Lab File ID: 2060107P/B8130
Matrix: Water	Lab Sample ID: 20512171401
Sample wt/vol: 1000 Units: mL	Date Collected: 12/15/05 Time: 1007
Level: (low/med) LOW	Date Received: 12/17/05
% Moisture: decanted: (Y/N)	Date Extracted: 12/19/05
GC Column: DB-5MS-30M ID: .25 (mm)	Date Analyzed: 01/07/06 Time: 1918
Concentrated Extract Volume: 1000 (μL)	Dilution Factor: 1 Analyst: JAR3
Injection Volume: 1.0 (µL)	Prep Method: OLM4.2 SVOA
GPC Cleanup: (Y/N) N pH:	Analytical Method: OLMO 4.2
	Instrument ID: MSSV3
CONCENTRATION UNITS: ug/L	Prep Batch: 310339 Analytical Batch: 312113
CAS NO. COMPOUND	RESULT Q MDL RL
86-30-6 N-Nitrosodiphenylamine	10.0 U 0.010 10.0
95-48-7 o-Cresol	10.0 U 0.010 10.0

1F SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

No tics detected			1	· · · · · · · · · · · · · · · · · · ·	
CAS NO. COMPOUND		RT	EST.	CONC.	Q
Number TICs Found: 0 CONCENTRATION UNITS:ug/L					3/15/06 MSE
		Instrument ID:	MSSV3		and the second and selection on the EV v. 11 photo
GPC Cleanup: (Y/N) N pH:		Analytical Metho	d: SW-846 8	3270C	and the second s
Injection Volume: 1.0	(μL)	Prep Method:	OLM!	4.2 S	AOU
Concentrated Extract Volume: 1000	(µL)				lyst: RLW
GC Column: ID:		Date Analyzed:	01/07/06	Time	e: 1918
% Moisture: not dec.		Date Extracted:	12/19/	US .	
Level: (low/med)		Date Received:	12/17/05		
Sample wt/vol: Units:					e: 1007
Matrix: Water	· · · · · · · · · ·	Lab Sample ID:	2051217140	1	
SAS No.: SDG No.: 2051	21714	Lab File ID:	News to complete the total state of the	to serve the degree of the	and a state of the second second second
Lab Code: LA024 Case No.:		Contract:			
Lab Name: GCAL	Contract to	Sample ID: SK	-SWD03-1016		w v · · · · · · · · · · ·

Lab Name: G	SCAL	Sample ID:	SK-SWD03	FD-1016		
	024 Case No.:					
	SDG No.: 205121714			7886		
	· · · · · · · · · · · · · · · · · · ·	Lab Sample ID: 20512171402				
Sample wt/vol:	1000 Units: mL	Date Collecte	d: 12/15/0	5 Time	: 1130	
	d) LOW	Date Receive	d: 12/17/0	5		
	decanted: (Y/N)				AN SELECT OF MALE STAND AN	
GC Column: [DB-5MS-30M ID: .25 (mm)	Date Analyzed	d: 01/03/0	6 Time	e: 2301	
Concentrated E	xtract Volume: 1000 (μL)	Dilution Facto	r: 1	Anal	yst: JAR3	
Injection Volum	e:1.0 (µL)	Prep Method:	OLM4.2	SVOA		
	(Y/N) N pH:	Analytical Met	hod: OLM	10 4.2		
		Instrument ID:	MSSV3			
CONCENTRAT	ION UNITS: ug/L	Prep Batch:	310339	Analytical Ba	atch: 311661	
CAS NO.	COMPOUND	RESULT	Q	MDL	RL	
95-95-4	2,4,5-Trichlorophenol	10.0	U	0.010	10.0	
88-06-2	2,4,6-Trichlorophenol	10.0	U	0.010	10.0	
120-83-2	2,4-Dichlorophenol	10.0	U	0.010	10.0	
51-28-5	2,4-Dinitrophenol	25.0	U	0.010	25.0	
121-14-2	2,4-Dinitrotoluene	10.0	U	0.010	10.0	
606-20-2	2,6-Dinitrotoluene	10.0	U	0.010	10.0	
91-58-7	2-Chloronaphthalene	10.0	U	0.010	10.0	
95-57-8	2-Chlorophenol	10.0	U	0.010	10.0	
91-57-6	2-Methylnaphthalene	10.0	U	0.010	10.0	
88-74-4	2-Nitroaniline	25.0	U	0.010	25.0	
88-75-5	2-Nitrophenol	10.0	Ü	0.010	10.0	
91-94-1	3,3'-Dichlorobenzidine	10.0	U	0.010	10.0	
99-09-2	3-Nitroaniline	25.0	U	0,010	25.0	
534-52-1	2-Methyl-4,6-dinitrophenol	25.0	U	0.010	25.0	
59-50-7	4-Chloro-3-methylphenol	10.0	U	0.010	10.0	
106-47-8	4-Chloroaniline	10.0	U	0.010	10.0	
7005-72-3	4-Chlorophenyl-phenylether	10.0	U	0.010	10.0	
106-44-5	4-Methylphenol (p-Cresol)	10.0	U	0.010	10.0	
83-32-9	Acenaphthene	10.0	U	0.010	10.0	
208-96-8	Acenaphthylene	10.0	U	0.010	10.0	
120-12-7	Anthracene	10.0	C	0.010	10.0	
56-55-3	Benzo(a)anthracene	10.0	U	0.010	10.0	
50-32-8	Benzo(a)pyrene	10.0	U	0.010	10.0	
205-99-2	Benzo(b)fluoranthene	10.0	U	0.010	10.0	
191-24-2	Benzo(g,h,i)perylene	10.0	U	0.010	10.0	
207-08-9	Benzo(k)fluoranthene	10.0	U	0.010	10.0	
111-91-1	Bis(2-Chloroethoxy)methane	10.0	U	0.010	10.0	
111-44-4	Bis(2-Chloroethyl)ether	10.0	U	0.010	10.0	
108-60-1	bis(2-Chloroisopropyl)ether	10.0	U	0.010	10.0	

Lab Name:	GCAL	Sample ID:	SK-SWD03	FD-1016	
Lab Code: L	_A024 Case No.:	Contract:			
	SDG No.: 205121714	Contract: Lab File ID: 2060103/B7886			
Matrix: Wat		Lab Sample I	D: 205121	71402	
	The same of the first transfer of the first				4420
	l: 1000 Units: mL	Date Collecte	a: 12/15/0	5 Time:	1130
Level: (low/me	ed) LOW	Date Receive	d: 12/17/0	5	
% Moisture:	decanted: (Y/N)	Date Extracte	d: 12/19/0	5	
	DB-5MS-30M ID: .25 (mm)	Date Analyze	d: 01/03/00	6 Time	: 2301
Concentrated	Extract Volume: 1000 (µL)			Anal	yst. JARS
Injection Volum	me: 1.0 (μL)	Prep Method:			
GPC Cleanup	: (Y/N) N pH:	Analytical Met	hod: OLM	O 4.2	
		Instrument ID:	: MSSV3		
CONCENTRA	ATION UNITS: ug/L				
				Analytical Ba	
CAS NO.	COMPOUND	RESULT	Q	MDL	RL
117-81-7	bis(2-ethylhexyl)phthalate	2.41	JB	0.010	10.0
101-55-3	4-Bromophenyl-phenylether	10.0	U	0.010	10.0
85-68-7	Butylbenzylphthalate	10.0	U	0.010	10.0
86-74-8	Carbazole	10.0	U	0.010	10.0
218-01-9	Chrysene	10.0	U	0.010	10.0
84-74-2	Di-n-butylphthalate	10.0	U	0.010	10.0
117-84-0	Di-n-octylphthalate	10.0	U	0.010	10.0
53-70-3	Dibenz(a,h)anthracene	10.0	U	0.010	10.0
132-64-9	Dibenzofuran	10.0	U	0.010	10.0
84-66-2	Diethylphthalate	10.0	U	0.010	10.0
131-11-3	Dimethyl-phthalate	10.0	U	0.010	10.0
105-67-9	2,4-Dimethylphenol	10.0	U	0.010	10.0
206-44-0	Fluoranthene	10.0	U	0.010	10.0
86-73-7	Fluorene	10.0	U	0.010	10.0
118-74-1	Hexachlorobenzene	10.0	U	0.010	10.0
87-68-3	Hexachlorobutadiene	10.0	U	0.010	10.0
77-47-4	Hexachlorocyclopentadiene	10.0	U	0.010	10.0
67-72-1	Hexachloroethane	10.0	U	0.010	10.0
193-39-5	Indeno(1,2,3-cd)pyrene	10.0	U	0.010	10.0
78-59-1	Isophorone	10.0	U	0.010	10.0
91-20-3	Naphthalene	10.0	U	0.010	10.0
100-01-6	4-Nitroaniline	25.0	U	0.010	25.0
98-95-3	Nitrobenzene	10.0	U	0.010	10.0
100-02-7	4-Nitrophenol	25.0	U	0.010	25.0
87-86-5	Pentachlorophenol	25.0	U	0.010	25.0
85-01-8	Phenanthrene	10.0	U	0.010	10.0
108-95-2	Phenol	10.0	U	0.010	10.0
129-00-0	Pyrene	10.0	U	0.010	10.0
621-64-7	N-Nitroso-di-n-propylamine	10.0	U	0.010	10.0

Lab Name: GCAL	Sample ID: SK-SWD03FD-1016			
Lab Code: LA024 Case No.:	Contract:			
SAS No.: SDG No.: 205121714	Lab File ID: 2060103/B7886			
Matrix: Water	Lab Sample ID: 20512171402			
Sample wt/vol: 1000 Units: mL	Date Collected: 12/15/05 Time: 1130			
Level: (low/med) LOW	Date Received: 12/17/05			
% Moisture: decanted: (Y/N)	Date Extracted: 12/19/05			
GC Column: DB-5MS-30M ID: .25 (mm)	Date Analyzed: 01/03/06 Time: 2301			
Concentrated Extract Volume: 1000 (µL)	Dilution Factor: 1 Analyst: JAR3			
Injection Volume: 1.0 (µL)	Prep Method: OLM4.2 SVOA			
GPC Cleanup: (Y/N) N pH:	Analytical Method: OLMO 4.2			
	Instrument ID: MSSV3			
CONCENTRATION UNITS: ug/L	Prep Batch: 310339 Analytical Batch: 311661			
CAS NO. COMPOUND	RESULT Q MDL RL			
86-30-6 N-Nitrosodiphenylamine	10.0 U 0.010 10.0			
95-48-7 o-Cresol	10.0 U 0.010 10.0			

1F SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GCAL	Sample ID: SK-SWD03FD-1016
Lab Code: LA024 Case No.:	Contract:
SAS No.: SDG No.: 205121714	Lab File ID: 2060103/B7886
Matrix: Water	Lab Sample ID: 20512171402
Sample wt/vol: Units:	Date Collected: 12/15/05 Time: 1130
Level: (low/med)	Date Received: 12/17/05
% Moisture: not dec.	Date Extracted: 12/19/5
GC Column: DB-5MS-30M ID: _25 (mm)	Date Analyzed: 01/03/06 Time: 2301
Concentrated Extract Volume: 1000 (µL)	Dilution Factor: 1 Analyst: JAR3
Injection Volume: 1.0 (µL)	Prep Method: CLM CA.2 SUNK
GPC Cleanup: (Y/N) N pH:	Analytical Method: SW-846 8270C Instrument ID: MSSV3
Number TICs Found: 1	1221 · · · · · · · · · · · · · · · · · ·
CONCENTRATION UNITS:ug/L	
CAS NO. COMPOUND	RT EST. CONC. Q
1. 14447-07-5 2-Butynedioic acid, di-2-prope	3.971 1.88

3/15/26

Lab Name: GCAL Sample ID: SK-SWD03-1016 (RE) Lab Code: LA024 Case No.: Lab File ID: 2060107P/B8132 SDG No.: 205121714 SAS No.: Lab Sample ID: 20512171411 Matrix: Water Sample wt/vol: 1000 Units: mL Date Collected: 12/15/05 Time: 1007 Date Received: 12/17/05 Level: (low/med) LOW Date Extracted: 01/05/06 % Moisture: decanted: (Y/N) Date Analyzed: 01/07/06 Time: 1933 GC Column: DB-5MS-30M ID: .25 (mm) Dilution Factor: 1 Analyst: JAR3 Concentrated Extract Volume: 1000 (µL) Prep Method: OLM4.2 SVOA Injection Volume: 1.0 (µL) GPC Cleanup: (Y/N) N pH: Analytical Method: OLMO 4.2 Instrument ID: MSSV3 CONCENTRATION UNITS: ug/L Prep Batch: 314294 Analytical Batch: 312113 CAS NO. COMPOUND RESULT Q MDL RL us 95-95-4 2,4,5-Trichlorophenol 10.0 0.010 10.0 U 88-06-2 2,4,6-Trichlorophenol 10.0 Ū 0.010 10.0 120-83-2 2,4-Dichlorophenol 10.0 Ū 10.0 0.010 51-28-5 2,4-Dinitrophenol 25.0 Ū 0.010 25.0 121-14-2 2,4-Dinitrotoluene 10.0 U 0.010 10.0 IJ 606-20-2 2,6-Dinitrotoluene 10.0 10.0 0.010 91-58-7 10.0 10.0 2-Chloronaphthalene U 0.010 95-57-8 2-Chlorophenol 10.0 U 0.010 10.0 91-57-6 2-Methylnaphthalene 10.0 u 10.0 0.010 88-74-4 2-Nitroaniline 25.0 Ū 0.010 25.0 88-75-5 10.0 U 2-Nitrophenol 0.010 10.0 91-94-1 U 3,3'-Dichlorobenzidine 10.0 0.010 10.0 99-09-2 3-Nitroaniline 25.0 U 0.010 25.0 534-52-1 2-Methyl-4,6-dinitrophenol 25.0 U 0.010 25.0 Ū 59-50-7 4-Chloro-3-methylphenol 10.0 0.010 10.0 106-47-8 10.0 4-Chloroaniline U 0.010 10.0 7005-72-3 4-Chiorophenyl-phenylether 10.0 U 0.010 10.0 106-44-5 4-Methylphenol (p-Cresol) 10.0 Ū 0.010 10.0 83-32-9 Acenaphthene 10.0 Ū 0.010 10.0 ΰ 208-96-8 10.0 0.010 10.0 Acenaphthylene 120-12-7 10.0 U 0.010 10.0 Anthracene 56-55-3 10.0 Ũ 0.010 10.0 Benzo(a)anthracene 50-32-8 Benzo(a)pyrene 10.0 Ū 0.010 10.0 205-99-2 Benzo(b)fluoranthene 10.0 Ū 0.010 10.0 191-24-2 Benzo(g,h,i)perylene 10.0 Ü 0.010 10.0 207-08-9 Benzo(k)fluoranthene 10.0 Ű 0.010 10.0 111-91-1 Bis(2-Chloroethoxy)methane 10.0 Ü 0.010 10.0 111-44-4 Bis(2-Chloroethyl)ether 10.0 U 0.010 10.0

10.0

U

0.010

108-60-1

bis(2-Chloroisopropyl)ether

10.0

Lab Name: GCAL Sample ID: SK-SWD03-1016 (RE) Contract: Lab Code: LA024 Case No.: SDG No.: 205121714 Lab File ID: 2060107P/B8132 SAS No.: Matrix: Water Lab Sample ID: 20512171411 Units: mL Sample wt/vol: 1000 Date Collected: 12/15/05 Time: 1007 Level: (low/med) LOW Date Received: 12/17/05 % Moisture: decanted: (Y/N) Date Extracted: 01/05/06 Date Analyzed: 01/07/06 Time: 1933 GC Column: DB-5MS-30M ID: .25 (mm) Concentrated Extract Volume: 1000 (µL) Dilution Factor: 1 Analyst: JAR3 Prep Method: OLM4.2 SVOA Injection Volume: 1.0 (µL) Analytical Method: OLMO 4.2 GPC Cleanup: (Y/N) N pH: Instrument ID: MSSV3 CONCENTRATION UNITS: ug/L Prep Batch: 314294 Analytical Batch: 312113 CAS NO. **COMPOUND** RESULT Q MDL RL 145 117-81-7 IC.00554 JB 0.010 10.0 bis(2-ethylhexyl)phthalate 101-55-3 4-Bromophenyl-phenylether 10.0 U 0.010 10.0 85-38-7 10.0 Ū Butylbenzylphthalate 0.010 10.0 86-74-8 Carbazole 10.0 U 0.010 10.0 218-01-9 10.0 U 0.010 10.0 Chrysene 84-74-2 Di-n-butylphthalate 10.0 Ū 0.010 10.0 117-84-0 Di-n-octylphthalate 10.0 U 0.010 10.0 10.0 Ū 10.0 53-70-3 0.010 Dibenz(a,h)anthracene 132-64-9 10.0 U 0.010 10.0 Dibenzofuran 10.0 Ū 10.0 84-66-2 Diethylphthalate 0.010 131-11-3 Dimethyl-phthalate 10.0 Ū 0.010 10.0 10.0 U 10.0 105-67-9 2,4-Dimethylphenol 0.010 206-44-0 10.0 0.010 10.0 Fluoranthene U 10.0 10.0 86-73-7 U 0.010 Fluorene 118-74-1 Hexachlorobenzene 10.0 Ū 0.010 10.0 87-68-3 Hexachlorobutadiene 10.0 Ū 0.010 10.0 77-47-4 Hexachlorocyclopentadiene 10.0 U 0.010 10.0 10.0 10.0 67-72-1 Hexachloroethane U 0.010

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193-39-5

78-59-1

91-20-3

100-01-6

98-95-3

100-02-7

87-86-5

85-01-8

108-95-2

129-00-0

621-64-7

Indeno(1,2,3-cd)pyrene

Isophorone

Naphthalene

4-Nitroaniline

Nitrobenzene

4-Nitrophenol

Phenanthrene

Phenol

Pyrene

Pentachlorophenol

N-Nitroso-di-n-propylamine

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Lab Name: (GCAL	Sample ID: SK-SWD03-1016 (RE)
Lab Code: L	A024 Case No.:	Contract:
SAS No.:	SDG No.: 205121714	Lab File ID: 2060107P/B8132
Marrix: Wate		Lab Sample ID: 20512171411
Sample wt/vol:	1000 Units: mL	Date Collected: 12/15/05 Time: 1007
Level: (low/me	d) LOW	Date Received: 12/17/05
% Moisture:	decanted: (Y/N)	Date Extracted: 01/05/06
GC Column:	DB-5MS-30M ID: .25 (mm)	Date Analyzed: 01/07/06 Time: 1933
Concentrated B	Extract Volume: 1000 (µL)	Dilution Factor: 1 Analyst: JAR3
Injection Volum	ne: 1.0 (µL)	Prep Method: OLM4.2 SVOA
	(Y/N) N pH:	Analytical Method: OLMO 4.2
		Instrument ID: MSSV3
CONCENTRAT	TION UNITS: ug/L	Prep Batch: 314294 Analytical Batch: 312113
CAS NO.	COMPOUND	RESULT Q MDL RL
86-30-6	N-Nitrosodiphenylamine	10.0 U 0.010 10.0 if
95-48-7	o-Cresol	10.0 U 0.010 10.0

3/16/06

1F SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lat Name: GCAL			Sample ID: SK	-SWD03-1016 (RE	<u>)</u>
Lab Code: LA024	Case No.:	Mark of the Art Art and Art an	Contract:		
	SDG No.: 20	5121714	Lab File ID:	and are architecture to be a finished as a second	
Matrix: Water			Lab Sample ID:	20512171411	
Sample wt/vol:	Units:		Date Collected:	12/15/05	Time: 1007
Level: (low/med)			Date Received:	12/17/05	
% Moisture: not dec.			Date Extracted:	1 - 1 :	
GC Column:		(mm)	Date Analyzed:	01/07/06	Time: 1933
Concentrated Extract Volu		(µL)	Dilution Factor:	1	Analyst: RLW
Injection Volume:	1.0	(μL)	Prep Method:	OLMUA	2 5001
GPC Cleanup: (Y/N) N			•	d: SW-846 8270 MSSV3	
Number TICs Found :	0		**		
CONCENTRATION UI	NITS:ug/L				3/16/0 /
CAS NO. CO	MPOUND		RT	EST. CO	NC. Q
1. No tics d	etected				

1D ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL	Sample ID: SK-SWD03-1016
Lab Code: LA024 Case No.:	Contract:
Matrix: Water	SAS No.: SDG No.: 205121714
Sample wt/vol: 1000 Units: mL	Lab Sample ID: 20512171401
Level: (low/med) LOW	Date Collected: 12/15/05 Time: 1007
% Moisture decanted: (Y/N)	Date Received: 12/17/05
GC Column: ID: (mm)	Date Extracted: 12/20/05
Concentrated Extract Volume: 1000 (µL)	Date Analyzed: 12/21/05 Time: 0532
Soil Aliquot Volume: (µL)	Dilution Factor: 1 Analyst: TLS
Injection Volume: 1 (μL)	Prep Method: OLM4.2 PEST/PCB
GPC Cleanup: (Y/N) N pH:	Analytical Method: OLMO 4.2
Prep Batch: 310340 Analytical Batch: 310869	Sulfur Cleanup: (Y/N) N Instrument ID: GCS18A
CONCENTRATION UNITS: ug/L	Lab File ID: 2051220/SV18A044
CAS NO. COMPOUND	RESULT Q MDL RL
72-54-8 4,4'-DDD	0.100 U 0.000100 0.100
72-55-9 4,4'-DDE	0.100 U 0.000100 0.100
50-29-3 4,4'-DDT	0.100 U 0.000100 0.100
309-00-2 Aldrin	0.050 U 0.000100 0.050
12674-11-2 Aroclor-1016	1.00 U 0.000100 1.00
11104-28-2 Aroclor-1221	2.00 U 0.000100 2.00
11141-16-5 Aroclor-1232	1.00 U 0.000100 1.00
53469-21-9 Aroclor-1242	1.00 U 0.000100 1.00
12672-29-6 Aroclor-1248	1.00 U 0.000100 1.00
11C97-69-1 Aroclor-1254	1.00 U 0.000100 1.00
11096-82-5 Aroclor-1260	1.00 U 0.000100 1.00
60-57-1 Dieldrin	0.100 U 0.000100 3.100
959-98-8 Endosulfan I	0.050 U 0.000100 0.050
33213-65-9 Endosulfan II	0.100 U 0.000100 0.100
1031-07-8 Endosulfan sulfate	0.100 U 0.000100 0.100
72-20-8 Endrin	0.100 U 0.000100 0.100
7421-93-4 Endrin aldehyde	0.100 U 0.000100 0.100
53434-70-5 Endrin ketone	0.100 U 0.000100 0.100
76-44-8 Heptachlor	0.050 U 0.000100 0.050
1024-57-3 Heptachlor epoxide	0.050 U 0.000100 0.050
72-43-5 Methoxychlor	0.500 U 0.000100 0.500
8001-35-2 Toxaphene	5.00 U 0.000100 5.00
319-84-6 alpha-BHC	0.050 U 0.000100 0.050
5103-71-9 alpha-Chlordane	0.050 U 0.000100 0.050
319-85-7 beta-BHC 319-86-8 delta-BHC	0.050 U 0.000100 0.050
	0.050 U 0.000100 0.050
58-89-9 gamma-BHC (Lindane)	0.050 U 0.000100 (1.050
5103-74-2 gamma-Chlordane	0.050 U 0.000100 0.050

FORM | ORG-1

1D ORGANICS ANALYSIS DATA SHEET

Lab Name:	ab Name: GCAL Sample ID: SK-SWD03FD-1016				
Lab Code: LA024 Case No.: Contract:					
Matrix: Wa		CAC No.		SDG No.:	
Sample wt/vo	l: 1000 Units: mL	Lab Sample ID:	20512171	1402	
	ed) LOW		12/15/05	Time:	1130
	decanted: (Y/N)		12/17/05	m relative to the control of the con	and and a second of the second
GC Column:	ID: (mm			distribution for a common to per the second has present	
Concentrated	Extract Volume: 1000 (μL				0551
Soil Aliquot V	'olume: (μL) Dilution Factor:	1		t: TLS
Injection Volu	ime: 1 (μL		OLM4.2 PE	ST/PCB	
	o: (Y/N) N pH:		od: OLMC		
	310340 Analytical Batch: 310869	•••		Instrument I	D: GCS18A
	ATION UNITS: ua/L	Lab File ID:		20/SV18A045	W. a. With the World of Annual Const.
	COMPOUND	RESULT	Q	MDL	RL
72-54-8	4.4'-DDD	0.100	T U	0.000100	0.100
72-55-9	4.4'-DDE	0.100	 	0.000100	0.100
50-29-3	4,4'-DDT	0.100	 	0.000100	0.100
309-00-2	Aldrin	0.050	 	0.000100	0.050
12674-11-2	Aroclor-1016	1.00	 	0.000100	1.00
11104-28-2	Aroclor-1221	2.00	 	0.000100	2.00
11141-16-5	Aroclor-1232	1.00	+ 0	0.000100	1.00
53469-21-9	Aroclor-1242	1.00	 	0.000100	1.00
12672-29-6	Aroclor-1248	1.00	U	0.000100	1.00
11097-69-1	Aroclor-1254	1.00	Ū	0.000100	1.00
11096-82-5	Aroclor-1260	1.00	U	0.000100	1.00
60-57-1	Dieldrin	0.100	υ	0.000100	0.100
959-98-8	Endosulfan I	0.050	U	0.000100	0.050
33213-65-9	Endosulfan II	0.100	U	0.000100	0.100
1031-07-8	Endosulfan sulfate	0.100	U	0.000100	0.100
72-20-8	Endrin	0.100	U	0.000100	0.100
7421-93-4	Endrin aldehyde	0.100	U	0.000100	0.100
53494-70-5	Endrin ketone	0.100	U	0.000100	0.100
76-44-8	Heptachlor	0.050	U	0.000100	0.050
1024-57-3	Heptachlor epoxide	0.050	U	0.000100	0.050
72-43-5	Methoxychlor	0.500	U	0.000100	0.500
8001-35-2	Toxaphene	5.00	U	0.000100	5.00
319-84-6	alpha-BHC	0.050	U	0.000100	0.050
5103-71-9	alpha-Chlordane	0.050	U	0.000100	0.050
319-85-7	beta-BHC	0.050	U	0.000100	0.050
319-86-8	delta-BHC	0.050	U	0.000100	0.050
58-89-9	gamma-BHC (Lindane)	0.050	U	0.000100	0.050
5103-74-2	gamma-Chlordane	0.050	U	0.000100	0.050

FORM | ORG-1

U.S. EPA - CLP COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

ab Code: LA024			
	Case No.: SAS I	No.:	SDG No.: 205121714
CW No.:			
	EPA Sample No.	Lab Sample ID.	•
	SK-SWD03-1016	20512171401	
	SK-SWD03FD-1016	20512171402	
	SK-SWD03MS-1016	20512171403	***
	SK-SWD03DUP-1016	20512171405	
	SK-SWD03-1016 (DISS)	20512171407	
	SK-SWD03FD-1016 (DISS)	20512171408	
	SK-SWD03MS-1016 (DISS)	20512171409	
	SK-SWD03DUP-1016 (DISS	20512171410	
	Were ICP interelement corrections applied 3	Yes/No YES	
	Were ICP interelement corrections applied ?		
	Were ICP interelement corrections applied ? Were ICP background corrections applied ? If yes-were raw data generated before	Yes/No YES Yes/No YES	
	Were ICP background corrections applied ?		
comments:	Were ICP background corrections applied? If yes-were raw data generated before	Yes / No YES	
Comments:	Were ICP background corrections applied? If yes-were raw data generated before	Yes / No YES	
Comments:	Were ICP background corrections applied? If yes-were raw data generated before	Yes / No YES	
Comments:	Were ICP background corrections applied? If yes-were raw data generated before	Yes / No YES	
Comments:	Were ICP background corrections applied? If yes-were raw data generated before	Yes / No YES	
completeness for othe the computer readable	Were ICP background corrections applied? If yes-were raw data generated before	Yes / No YES Yes / No NO nditions of the contract, bo f this data contained in this	s hardcopy data package and in
certify that this data completeness for othe he computer readable designee, as verified by	Were ICP background corrections applied? If yes-were raw data generated before application of background corrections? package is in compliance with the terms and coer than the conditions detailed above. Release of a data submitted on the diskette has been authors.	Yes / No YES Yes / No NO nditions of the contract, bo f this data contained in this rized by the Laboratory Ma	s hardcopy data package and in

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EPA SAMPLE NO. INORGANIC ANALYSIS DATA SHEET

SK-SWD03-1016	

Lab Name: PROJ AAH GCAL	Contract:	-
Lab Code: LA024 Case No.:	SAS No.:	SDG No.:
Matrix: (soil / water) Water	Lab Sample ID: 20512171401	
Level: (low / med)	Date Received: 12/17/05	
% Solids:		

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	С	Q	M	
7429-90-5	Aluminum	439		عَ.	P	1
7440-36-0	Antimony	2.7	U		Р	1
7440-38-2	Arsenic	3.5	U		Р	1
7440-39-3	Barium	16.8	В	E	Р] T
7440-41-7	Beryllium	0.1	U		P	1 ~
7440-43-9	Cadmium	0.1	U		Р	1
7440-70-2	Calcium	56000			Р	1
7440-47-3	Chromium	2.5	В		Р	1
7440-48-4	Cobalt	0.4	U		P	1
7440-50-8	Copper	2.0	В		Р	1
7439-89-6	Iron	757		E	Р]丁
7439-92-1	Lead	1.7	U		P	1 ~
7439-95-4	Magnesium	10400			Р	1
7439-96-5	Manganese	22.6			Р	1
7439-97-6	Mercury	0.1	U		AV	1
7440-02-0	Nickel	0.4	U		Р	1
7440-09-7	Potassium	3670	В		Р	1
7782-49-2	Selenium	3.0	U		P	1
7440-22-4	Silver	0.6	U		Р	1
7440-23-5	Sodium	2410	В		Р	1
7440-28-0	Thallium	1.4	U		Р	1
7440-62-2	Vanadium	1.6	U	·	Р	1
7440-66-6	Zinc	13.4	В		Р	1
57-12 - 5	Cyanide	0.6	В		AS	1

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Color Before:	COLORLESS	Clarity Before:	CLEAR	Texture:	
Color After:	COLORLESS	Clarity After:	CLEAR	Artifacts:	
Comments:					

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

INCHONIO AMALTOIS BATA STILLET			SK-SWD03FD-1016	
Lap Name: PROJ AAH G	CAL	Contract:		
Lao Code: LA024	Case No.:	SAS No.:	SDG No.:	
Matrix: (soil / water) Wa	ter	Lab Sample ID: 2051217140	02	
Level: (low / med)		Date Received: 12/17/05		
% Solids:			***************************************	
Concentration Units (ug/L	or mg/kg dry weight) :	ug/L		

CAS No.	Analyte	Concentration	С	Q	М	7
7429-90-5	Aluminum	383		Æ	Р	1
7440-36-0	Antimony	2.7	U	,	P	1
7440-38-2	Arsenic	3.5	U		Р	1
7440-39-3	Barium	17.1	В	E	Р	17
7440-41-7	Beryllium	0.1	U		Р	1
7440-43-9	Cadmium	0.1	U		Р	1
7440-70-2	Calcium	58700			Р	1
7440-47-3	Chromium	2.3	В		Р	1
7440-48-4	Cobalt	0.4	U		Р	1
7440-50-8	Copper	2.1	В		Р	1
7439-89-6	Iron	652		E	Р	1 1
7439-92-1	Lead	1.7	U		Р	1
7439-95-4	Magnesium	11000			P	1
7439-96-5	Manganese	20.8		-	Р	1
7439-97-6	Mercury	0.1	В		AV	1
7440-02-0	Nickel	0.4	U		Р	1
7440-09-7	Potassium	3690	В		P	1
7782-49-2	Selenium	3.0	U		Р	1
7440-22-4	Silver	0.6	U		Р	1
7440-23-5	Sodium	2550	В		Р	1
7440-28-0	Thallium	1.4	U		P	1
7440-62-2	Vanadium	1.6	U		Р	1
7440-66-6	Zinc	6.0	В		P	1
57-12-5	Cyanide	1.3	В		AS	1

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Co or Before:	COLORLESS	Clarity Before:	CLEAR	Texture:	
Co or After:	COLORLESS	Clarity After:	CLEAR	Artifacts:	
Comments:					

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SK-SWD03DUP-1016	

Lab Name: PROJ AAH GCAL	Contract:	
Lab Code: LA024 Case No.:	SAS No.:	SDG No.:
Matrix: (soil / water) Water	Lab Sample ID: 20512171405	
Level: (low/med) % Solids:	Date Received: 12/17/05	
Concentration Units (ug/L or mg/kg dry weight): ug/L		

CAS No.	Analyte	Concentration	С	Q	M	7
7429-90-5	Aluminum	472		,2/	Р	1
7440-36-0	Antimony	2.7	U		Р	1
7440-38-2	Arsenic	3.5	U		Р	1
7440-39-3	Barium	17.3	В	E	Р	17
7440-41-7	Beryllium	0.1	U		Р	7
7440-43-9	Cadmium	0.1	U		Р	1
7440-70-2	Calcium	59500			Р	1
7440-47-3	Chromium	2.4	В		P	1
7440-48-4	Cobalt	0.4	U		Р	1
7440-50-8	Copper	2.0	В		P	1
7439-89-6	Iron	795		E	Р	7
7439-92-1	Lead	1.7	Ü		P	1 7
7439-95-4	Magnesium	11100			Р	1
7439-96-5	Manganese	23.0			Р	7
7439-97-6	Mercury	0.1	U		AV	1
7440-02-0	Nickel	0.4	U		Р	1
7440-09-7	Potassium	3830	В		Р	1
7782-49-2	Selenium	3.0	U		Р	1
7440-22-4	Silver	0.6	Ü		Р	1
7440-23-5	Sodium	2440	В	· · · · · · · · · · · · · · · · · · ·	Р	1
7440-28-0	Thallium	1.4	U		Р	1
7440-62-2	Vanadium	1.6	U		Р	1
7440-66-6	Zinc	8.9	В		Р	1
57-12-5	Cyanide	0.6	U		AS	1

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Color Before:	COLORLESS	Clarity Before:	CLEAR	Texture:	
Color After:	COLORLESS	Clarity After:	CLEAR	Artifacts:	A
Comments:					

EPA SAMPLE NO. INORGANIC ANALYSIS DATA SHEET

	
SK-SWD03-1016 (DIS	S)

Lab Name: PROJ AAH GCAL	Contract:	
Lab Code: LA024 Case No.:	SAS No.:	SDG No.:
Matrix: (soil / water) Water	Lab Sample ID: 20512171407	
Level: (low / med)	Date Received: 12/17/05	
% Solids:	philipping and a state of the s	

Concentration Units (ug/L or mg/kg dry weight):

CAS No.	Analyte	Concentration	С	Q	М
74:29-90-5	Aluminum	12.5	U	Æ	Р
7440-36-0	Antimony	2.7	U		Р
7440-38-2	Arsenic	3.5	U		Р
7440-39-3	Barium	14.8	В	E	Р
7440-41-7	Beryllium	0.1	U	, _,	Р
7440-43-9	Cadmium	0.1	U		Р
7440-70-2	Calcium	57300			Р
7440-47-3	Chromium	1.7	В		Р
7440-48-4	Cobalt	0.4	U		Р
7440-50-8	Copper	1.8	В		Р
7439-89-6	Iron	2.9	U	Z	Р
7439-92-1	Lead	1.7	U		Р
7439-95-4	Magnesium	10900			Р
7439-96-5	Manganese	0.5	В		Р
7439-97-6	Mercury	0.1	В		AV
7440-02-0	Nickel	0.4	U		Р
7440-09-7	Potassium	3570	В		Р
7782-49-2	Selenium	3.0	U		Р
7440-22-4	Silver	0.6	U		Р
7440-23-5	Sodium	2730	В		Р
7440-28-0	Thallium	1.4	U		Р
440-62-2	Vanadium	1.6	Ú		Р
7440-66-6	Zinc	5.6	В		P

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Color Before:	COLORLESS	Clarity Before:	CLEAR	Texture:	
Color After:	COLORLESS	Clarity After:	CLEAR	Artifacts:	A c farmania manganaharin 1900 ti 1900 ti 1900 ci 1900 ti 1900
Comments:					

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EPA SAMPLE NO.

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SK-SWD03FD-1016 (DISS)

Lab Name: PROJ AAH GCAL	Contract:	J
Lab Code: LA024 Case No.:	SAS No.:	SDG No.:
Matrix: (soil / water) Water	Lab Sample ID: 20512171408	
Level: (low / med)	Date Received: 12/17/05	
% Solids:		

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	С	Q	М
74:29-90-5	Aluminum	12.5	U	· · · · · · · · · · · · · · · · · · ·	P
74:40-36-0	Antimony	2.7	U	· · · · · · · · · · · · · · · · ·	P
7440-38-2	Arsenic	3.5	U		Р
7440-39-3	Barium	6.2	В		Р
7440-41-7	Beryllium	0.1	U		Р
7440-43-9	Cadmium	0.1	U	· · · · · · · · · · · · · · · · · · ·	P
7440-70-2	Calcium	5260			P
7440-47-3	Chromium	1.2	В		Р
7440-48-4	Cobalt	0.4	U		Р
7440-50-8	Copper	0.8	U		P
7439-89-6	Iron	2.9	υ		Р
7439-92-1	Lead	1.7	Ü		Р
7439-95-4	Magnesium	9.9	U		Р
7439-96-5	Manganese	0.1	U		Р
7439-97-6	Mercury	0.1	U		AV
7440-02-0	Nickel	0.4	Ü		P
7440-09-7	Potassium	3600	В		Р
7782-49-2	Selenium	3.0	U		Р
7440-22-4	Silver	0.6	U		Р
7440-23-5	Sodium	929000			Р
7440-28-0	Thallium	1.4	U		Р
7440-62-2	Vanadium	1.6	U		Р
7440-66-6	Zinc	0.7	U		P

Color Before:	COLORLESS	Clarity Before:	CLEAR	Texture:	
Color After:	COLORLESS	Clarity After:	CLEAR	Artifacts:	

Cornments:

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INORGANIC ANALYSIS DATA SHEET

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SK-SW	D03DU	P-1016	(DISS
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Lab Name: P	ROJ AAH GCAL	Contra	act:			
Lab Code: LA	Case No.:	SAS N	lo.:	SDG	No.:	
Matrix: (soil / w	vater) Water	Lab Sam	ple ID: 20	512171410		
Level: (low / m	ed)	Date Re	ceived: 12	2/17/05		
% Solids:						
Concentration CAS No.	Units (ug/L or mg/kg dry wei	ght): ug/L Concentration	C	1 Q	M]
7429-90-5	Aluminum	12.5	U	- JE/	P	1
7440-36-0	Antimony	2.7	U		Р	
7440-38-2	Arsenic	3.5	U		Р	1
7440-39-3	Barium	14.8	В	E	P	1 7
7440-41-7	Beryllium	0.1	U		Р	1
7440-43-9	Cadmium	0.1	U		P	1
7440-70-2	Calcium	57400	·		P	1
_ ; ; _ ; _ ;						1

Chromium 7440-47-3 1.9 7440-48-4 Cobalt 0.4 Ū 7440-50-8 Copper 1.6 В Р 7439-89-6 Iron 2.9 Ū ستكر Р 7439-92-1 1.7 Ū P Lead 7439-95-4 10900 Р Magnesium P 7439-96-5 U Manganese 0.1 7439-97-6 ΑV Mercury 0.1 U 7440-02-0 Nickel 0.4 Ü Ρ 7440-09-7 Potassium 3620 В P 7782-49-2 Selenium 3.0 Ū Р P 7440-22-4 Silver 0.6 Ū 7440-23-5 Sodium 2700 В P 7440-28-0 Thallium 1.4 U Р 7440-62-2 Vanadium 1.6 U Р 7440-66-6 Zinc 3.0 В Р

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Color Before:	COLORLESS	Clarity Before:	CLEAR	Texture:	
Color After:	COLORLESS	Clarity After:	CLEAR	Artifacts:	
Comments:					

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CHAIN OF CUST Y RECORD

Lab use only

7979 GSRI Avenue, Baton Houge, Louisiana 70820-7402	ε	aith Tech		4341	2051	21714	12.30.05
Phone 225.769.4900 • Fax 225.767.5717	Client Name	-		Client #	Wo	orkorder #	Due Date
Phone 225.769.4900 • Fax 225.767.5717 Report to: Client:	Bill to: lient: Glenn Spring ress: Contract ntact: none: Fax: And Off. 85	ratives No Containers	les	ical Requests & M		Remarks:	Lab ID Lab ID /2 /17
Turn Around Time: 24-48 hrs. 3 day	s □1 week □S		Other			of the fine of the fine of Analyte	A CANARX
Relinquished by: (Signature) Received by: (Signature)	nature) Date: 12 · 17 · 05	75 /800) Time: 935		ples Sent tenderd			CAL-06 11/98
			By submitting these samples, you agree to the terms and conditions contained in our most recent schedule of services.				

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CHAIN OF	Custe-v	RECORD
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Lab use only 12-3005 205121714 Earth 1ech 4342 7979 GSRI Avenue, Baton Rouge, Louisiana 70820-7402 Phone 225.769 4900 • Fax 225 767.5717 Workorder # Client Name Due Date Report to: Lab use only: Bill to: Analytical Requests & Method Client: Farth Tech Client: Glenn Springs
Address: 3313 Process Address: Contract Custody Seal □ no used Tres in tact ves Ппо Hebren Ky, 410 48 Contact: Pat Hissins Temperature °C Z Project Name/Number P.O. Number Landfill -4th QtR E5 542 20. C1 Sampled By: Skinner Aaron Lab ID No Matrix1 Sample Description Preservatives Con-(2400) Remarks: tainers Sh-5m003-1016 HCL 12/15/1007 Sh-SwasFD-1016 1130 Sh - Supoi Ms-1016 \Kvioss 10 1920 Sh-SwDUZMID-1016 4 1026 VHBUK-6 ☐ Other Turn Around Time: ☐ 24-48 hrs. ☐ 3 days ☐ 1 week ☐ Standard Samples sent via Fed Ex slanddard turnaround Relinquished by: (Signature) Received by: (Signature) Date: Time: Note: Helinguished by: (Signature) 13/15/05 1700 Received by: (Signature) Time: Feder 12-17-05 935 Relinquished by: (Signature) Received by: (Signature) Date: By submitting these samples, you agree to the terms and conditions contained in our most recent schedule of services.

WHITE: CLIENT FINAL REPORT — CANARY: LABORATORY — PINK: CLIENT